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Annual Catalogue,

University of Rochester.

1871--72.

TWENTY-SECOND

ANNUAL CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF THE

UNIVERSITY OF ROCHESTER.

1871–72.

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UNIVERSITY OF ILLINOIS

ROCHESTER, N. Y.
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1871.

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James Monroe Hudnut,	*Rochester*,	5 William St.
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SENIORS, - - - - - - 20.

JUNIORS.

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Henry Alfred Duboc, *p*,	*Rochester*,	185 Alexander St.
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Caleb Sherman Hanks,	*Rochester*,	— Pearl St.
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Charles Livingston Newton,	*Rochester*,	50 East Avenue.
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Joseph Black Rippey, *e*,	*Cuylerville*,	37 Howell St.

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Henry Clay Vedder,	*Rochester*,	13 John St.
Charles Miner Vrooman,	*Rochester*,	141 Alexander St.
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JUNIORS, - - - - - - 29.

SOPHOMORES.

NAMES.	RESIDENCES.	ROOMS.
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Jesse Putnam Bishop,	*Cleveland, O.*,	14 N. Washington St.
Homer Culver Bristol,	*Auburn*,	61 Sibley Block.
Jesse Whipple Buell, *p*,	*Rochester*,	314 Main St.
Walter Buell,	*Rochester*,	314 Main St.
Albert Fearing Chadwick,	*Eddytown*,	71 William St.
Hobart M. Chapman, *s*,	*Penn Yan*,	17 Marshall St.
William Henry Cooly, *s*, *c*,	*Brockport*,	Brockport.
Rutger Dox,	*Wilson*,	49 Sibley Block.
Frank Elmer Glen,	*Rochester*,	13 Grove St.
Frederic G. Goetzman, *s*,	*Rochester*,	6 St. Joseph St.
Edward Francis Grant,	*Irondequoit*,	Goodman St.
George W. Haight, *s*,	*Cuba*,	224½ Main St.
Henry Harrison Hewitt,	*Barrington*,	71 William St.
Eugene Sanford Loomis,	*East Pembroke*,	126 Monroe Avenue.
Orlim Josiah Mason,	*Bath*,	8 Rome St.
Lindley Murray Moore, *e*,	*Rochester*,	63 S. Fitzhugh St.
Samuel Prescott Moore,	*Rochester*,	63 S. Fitzhugh St.
Charles Henry Moscrip,	*Saratoga Springs*,	28 Asylum St.
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Frederick Josiah Nott,	*Rochester*,	60 S. St. Paul St.
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Charles Ralsey Sumner,	*Rochester*,	14 South Clinton St.
Wilson Faron Wakefield,	*Butternuts*,	49 Sibley Block.
Ralph Waldo Whelan,	*Lansing, Mich.*,	7 James St.
James William White,	*Sweden*,	63 Chestnut St.
Archibald Charles Wilkins,	*Darlington, S. C.*,	61 Sibley Block.
William Luton Wood, *e*,	*Rochester*,	36 Madison Avenue.

SOPHOMORES, - - - - - 35.

FRESHMEN.

NAMES.	RESIDENCES.	ROOMS.
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Samuel Henry Anderson, *p*,	*Fairfax*, *Vt.*,	4 Joslyn Park.
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John P. Campbell,	*Caledonia*,	31 Tremont St.
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John Franklin Forbes,	*Wyoming*,	65 North St.
Spencer Hedden Freeman,	*Southington*, *Conn.*,	13 Pearl St.
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Theron Outwater,	*Olcott*,	42 William St.
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Garnett Pendleton,	*Upland, Penn.*,	Cor. Atwater & Oregon.
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George C. Richards, *s*,	*Skaneateles*,	13 S. Clinton St.
Frank Harold Rowley,	*Rochester*,	58 Monroe Avenue.
Morton Fayette Scofield,	*Scottsville*,	34 Marshall St.
Elmer Jerome Smith,	*Scottsville*,	34 Marshall St.
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C. Richard Williams,	*Avoca*,	67 Hudson St.
Frederic William Young,	*Rochester*,	14 Caledonia Avenue.

FRESHMEN, - - - - - 42.

STUDENTS IN ANALYTICAL CHEMISTRY.

NAMES.	RESIDENCES.
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Ross Platt Cole,	Rochester.
Jacob Anthony Freiday,	Orange, N. J.
Osmer W. Lounsberry,	Rochester.
M. L. Mallory,	Rochester.
Frank W. Miller,	Penn Yan.
Edward Mott Moore,	Rochester.
George Hamilton Perkins,	Rochester.
Theophilus Sproull,	Alleghany, Pa.
Thanbyah,	Rangoon, Burmah.
Andrew Van Dyke,	Rochester.
Solomon Wile,	Rochester.

STUDENTS IN ANALYTICAL CHEMISTRY, - - 12.

SUMMARY.

Seniors,	20
Juniors,	29
Sophomores,	35
Freshmen,	42
Special Students in Analytical Chemistry,	7
Total,	133

*** Candidates for the degree of Bachelor of Science are marked, *s*; students who are not candidates for degrees, *p*; students who are temporarily absent, *a*; students who have entrance conditions to make up, *c*; students who have term examinations to make up, *e*.

ORGANIZATION.

The plan of instruction is so adjusted as to allow any who choose, to omit the study of the Greek and Latin Classics, substituting a more extended course in Physical Science, History and the Modern Languages. The students in each class will be divided into two sections, corresponding to the two Courses of Study, and distinguished as the *Classical* and the *Scientific* sections.

The Regular Course, for all students, extends through four years, at the end of which time those who pass a good examination in prescribed studies are admitted to a degree—those who have pursued the entire Classical course, to the degree of Bachelor of Arts, and those who have pursued the entire Scientific Course, to the degree of Bachelor of Science.

Students who may desire to attend the recitations of particular departments, without becoming candidates for degrees, are allowed to do so, provided they have the requisite preparation for the studies of those departments, and become subject to the laws of the University. This arrangement is designed to meet the wants of those whose age, or circumstances may prevent them from pursuing either of the regular courses, but who are desirous of obtaining the liberal culture which the studies of a portion of the course will give them. Special care is taken to give such persons the instruction which they require.

Members of the Senior Class are permitted, upon sufficient reason given to the Faculty, to substitute for the studies of the regular course, such other courses of instruction, in which classes may be formed, as may especially fit them for the studies which they intend to pursue after graduation.

ADMISSION.

Candidates for admission to the University are expected to furnish satisfactory testimonials respecting character; and, if from other colleges, certificates of regular dismission.

No person will be admitted to the Freshman Class who has not completed his fourteenth year, or to an advanced standing without a corresponding advance in age.

The Monday and Tuesday before Commencement, and the Wednesday before the opening of the following term, are the regular times for examining candidates. Examinations may take place at other times at the discretion of the Faculty.

PREPARATORY STUDIES.

REQUIREMENTS FOR THE CLASSICAL COURSE.

Candidates for admission to the Classical Course will be examined in Geography and American History, English Composition, Latin and Greek Grammar, Four Books of Cæsar's Commentaries or Cornelius Nepos, Six Books of Virgil's Æneid, Four of Cicero's Orations,—two against Catiline, the one for the Poet Archias, and the one on the Manilian Law,—Three Books of Xenophon's Anabasis, Arithmetic, Algebra as far as Quadratic Equations, and the first Three Books of Robinson's Geometry. The attention of students intending to enter the University is called to the fact that the Freshman Class begin Algebra at Quadratic Equations, and begin Geometry at the Fourth Book.

REQUIREMENTS FOR THE SCIENTIFIC COURSE.

Candidates for the Scientific Course are required to sustain a thorough examination in those studies which are taught in our English High Schools, including Algebra as

far as Quadratic Equations, and three books of Robinson's Geometry; and are *strongly recommended to pursue the study of Latin, at least one year, as a preparation for the study of English and other modern languages.*

Persons who wish to pursue studies in this city or vicinity, preparatory to admission to the University, will find ample facilities for so doing, under the advice and direction of the Faculty.

Any student who may be admitted to the University under conditions; as also any student who, after admission, may have shown himself deficient in any department of study, will be required to make up his deficiencies under a private tutor, who shall be selected by the Faculty. All existing deficiencies of this nature will hereafter be noted in the catalogue. Examinations of delinquent students will be held on the third Saturday after the beginning, and the third Saturday before the close, of each term.

COURSE OF INSTRUCTION.

CLASSICAL COURSE.

FRESHMAN CLASS.

FIRST TERM.

- Livy—*Lincoln.*
- Latin Prose Composition—*Allen.*
- Selections from the Greek Historians.
- Greek Ollendorf—*Kendrick.*
- Algebra—*Robinson.*
- Phonography and Phonetic Analysis—*Pitman.*

SECOND TERM.

- Livy.
- Latin Prose Composition—completed.
- Homer's Iliad.
- Greek Ollendorf—completed.
- Algebra—completed.
- Geometry—*Robinson.*
- Vocal Culture—*Monroe's Vocal Gymnastics.*

THIRD TERM.

- Selections from the Greek Historians.
- Geometry and Trigonometry.
- Lectures on English Composition and Rhetoric.
- Lectures on Elocution—Class Room Declamations.

SOPHOMORE CLASS.

FIRST TERM.

- Surveying, Navigation and Analytical Geometry
- Select Roman Comedies and Satires.
- French—*Fasquelle.*
- Lectures on the English Language and Literature.
- Mediæval History.

SECOND TERM.

- Differential and Integral Calculus—*Loomis.*
- Select Orations of Demosthenes.
- German—*Woodbury.*
- Readings and Dissertations in English Literature—*Craik's English of Shakspeare.*
- Mediæval and Ancient History.

THIRD TERM.
- Tacitus.
- German.
- French.
- Readings and Dissertations in English Literature—*Milton, Clarendon Press Edition.*
- Modern History.

JUNIOR CLASS.

FIRST TERM.
- Logic—*Lectures, Thomson and Jevons.*
- Select Greek Tragedies.
- Physics.
- Lectures on Chemical Physics.

SECOND TERM.
- Rhetoric—*Lectures, Whately and Theremin.*
- Physics.
- Chemistry—*Roscoe and Lectures.*
- Lectures on Chemical Physics.

THIRD TERM.
- Select Odes and Epistles of Horace—*Lincoln.*
- Lectures on Roman Literature.
- Aristotle's Rhetoric, or Longinus on the Sublime.
- Lectures on Greek Literature.
- Astronomy—*Norton.*
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.
- Intellectual Philosophy—*Lectures.*
- Readings and Prelections in Plato and Aristotle.
- Lectures on Greek Philosophy.
- Zoology and Physiology—*Dalton and Lectures.*
- Lectures on the History of Philosophy.

SECOND TERM.
- Intellectual and Moral Philosophy.
- History of Civilization in Europe—*Lectures.*
- Cicero's Philosophical Treatises.
- Lectures on Roman Philosophy.
- Lectures on the History of Philosophy.

THIRD TERM.
- Constitutional Law and Political Economy—*Lectures and Blanqui.*
- Studies in Early and Recent English, or Whitney on Language.
- Geology—*Lectures.*
- Lectures on Physical Geography.

SCIENTIFIC COURSE.

Students in this Course recite, so far as the studies coincide, with those in the Classical Department, using the same text-books.

FRESHMAN CLASS.

FIRST TERM.
- Algebra.
- Latin.*
- Phonography.
- Phonetic Analysis.

SECOND TERM.
- Algebra—Completed.
- Geometry.
- Latin—Continued.
- Ancient History—*Smith's Greece.*
- Vocal Culture.

THIRD TERM.
- English Composition and Rhetoric.
- Ancient History—*Liddell's Rome.*
- Geometry and Trigonometry.
- Elocution.

SOPHOMORE CLASS.

FIRST TERM.
- Surveying, Navigation and Analytical Geometry.
- French.
- Mediæval History—*Smiths' Hallam.*
- English Language and Literature.

SECOND TERM.
- Calculus.
- German.
- Mediæval and Modern History.
- English Language and Literature.

THIRD TERM.
- French.
- German.
- Modern History.
- English Language and Literature.

*With the Freshman Class in the Classical Department, if prepared; if not, under special instruction.

JUNIOR CLASS.

FIRST TERM.
- Logic.
- English Literature—*Shaw.*
- Physics.
- Lectures on Chemical Physics.

SECOND TERM.
- Rhetoric.
- Physics.
- Chemistry.
- Lectures on Chemical Physics.

THIRD TERM.
- Analytical Chemistry.
- Astronomy.
- Botany.
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.
- Intellectual Philosophy.
- Zoology and Physiology.
- Whewell's History of Inductive Sciences.
- Lectures on the History of Philosophy.

SECOND TERM.
- Intellectual and Moral Philosophy.
- German.
- History of Civilization.
- Lectures on the History of Philosophy.

THIRD TERM.
- Studies in Early and Recent English, or Whitney on Language.
- Geology.
- Constitutional Law and Political Economy.
- Lectures on Physical Geography.

BOOKS OF REFERENCE.

The following works are recommended for reference:

Webster's Dictionary—*the latest edition, unabridged.*
Soule & Wheeler's Manual of Pronunciation and Spelling.
Angus's Handbook of the English Tongue.
Vernon's Anglo-Saxon Guide.
Chambers' Cyclopædia of English Literature.
Marsh's Origin and History of the English Language.
Abbott's Shakspearian Grammar.
Hadley's, or Crosby's, Greek Grammar.
Liddell and Scott's Greek Lexicon.
Yonge's Greek-English Lexicon.
Harkness's and Madvig's Latin Grammar.
Andrews's Latin Lexicon.
Long's Classical Atlas.
Smith's Greek and Roman Antiquities.
Thieme's German Dictionary.
Spiers and Surenne's French Dictionary.
Smith's History of Greece.
Liddell's History of Rome.
Hallam's Middle Ages.
Guizot's History of Civilization.
Swinton's Condensed U. S. History.
Cooke's Chemical Physics.
Miller's Chemistry.
Dana's Mineralogy.
Agassiz and Gould's Zoology.
Carpenter's and Draper's Physiologies.
Dana's Manual of Geology.
Gray's Structural Botany and Manual.
Fleming's Vocabulary of Philosophy.
Murray's Hamilton.

GENERAL VIEW OF THE CURRICULUM.

One who desires to understand the work which the University attempts to perform, may be referred to the tabular statements, already given, of the courses of study which are prescribed for students. It seems appropriate, however, that special attention be called to some features in the several departments of instruction.

THE DEPARTMENT OF METAPHYSICS.

Intellectual and Moral Philosophy are taught mainly by lectures. Propositions embodying an outline of these subjects, with a condensed discussion of each, are dictated to the class. Copious illustrations of the topics are then given, with full opportunities for questions and discussion on the part of the class, until the doctrine set forth is completely understood. The design of the course is to fix convictions in the student's mind regarding the reality, certainty and limits of human knowledge, and show that man has a moral and intellectual constitution, existing in the germ, before the processes of thought and action begin.

In furtherance of these objects, recourse is constantly had to the history of thought on the topics discussed, with a view to set forth the gradual progress, through the ages, toward definite and scientific conceptions of man's nature. Care is taken to put over against each truth taught, its antagonistic error; and, also, to select illustrations of these subjects from common life, so that the student, in acquiring a knowledge of the mental and moral constitution of *man*, shall be, at the same time, gaining that practical knowledge of *men* which shall conduce to his success in the business, or profession, to which he looks forward.

THE CLASSICAL DEPARTMENT

Aims, by the careful reading of the Greek and Latin classics, and by assiduous practice in writing Greek and Latin prose, to give the student such familiarity with the classical tongues, as shall unlock to him the treasure-house of ancient thought and feeling; and, at the same time, fit him to acquire a more complete mastery of those modern languages which are so largely derived from a classical source. The practical features of Greek and Roman life are made a matter of careful study; and the classics are further utilized by making them supplement other courses of study—Aristotle, Plato and Cicero being read in connection with instruction in Rhetoric and Mental and Moral Philosophy.

THE DEPARTMENT OF HISTORY.

Although the Faculty of Instruction embraces no officer who is distinctively charged with the care of this department, an ample course of historical studies is provided for the student. Instruction is given in Greek and Roman History in connection with the Classical Department. Mediæval and Modern History are taught in weekly lectures which cover three entire terms. The study of the English Language and Literature is necessarily approached from an ethnological and historic point of view. In the Senior year an entire term is devoted to the study of History—lectures being given on Physical Geography, Ethnology, and on a series of fundamental topics which include an outline survey of the forces, moral and physical, that have resulted in modern civilization, and in the formation of the state system of Europe and America. Another term is divided between Political Economy and the Constitutional Law of England and the United States.

THE DEPARTMENT OF RHETORIC

Is regarded as an organic whole whose reciprocally dependent parts are:

1. The Laws of thought or *Logic.*

2. The Laws of Expression, or, in the abstract, *Rhetoric*, in the concrete, *Literature*—both, of course, presupposing, for the English student, a minute and thorough acquaintance with the *English Language*.

3. The Laws of Utterance or *Elocution*.

In accordance with this conspectus, the student is taught, from the outset of his college course, to analyze his mental processes and adapt his words to his thoughts, his tones and gestures to his words. Particular attention is paid to the study of the English Language in its origin and development, and in its use by such writers as Chaucer, Shakspeare, Bacon and Milton—whose works are studied with the same care as those of Horace, Sophocles, Plato and Homer.

In connection with this department, orations are pronounced before the University, by students in the third term of the Junior, and the first and second terms of the Senior year,—each student being required to prepare and deliver at least one oration in each term.

During the Freshman year, there is a regular weekly exercise in Elocution. Members of the Junior and Sophomore classes are required to present original essays twice, at least, in each term. These essays are, as a general rule, read and criticised in the presence of the writer; and are freely used for class-room illustration of Rhetorical excellences and defects.

THE DEPARTMENT OF MODERN LANGUAGES

Embraces a course of at least two terms in French and two in German, for every student who is a candidate for a degree. The extent and thoroughness of this course have already justified the introduction of French text-books in Physics and Political Economy. It is proposed to pursue the same plan, as far as practicable, with reference to the German; and thus render the student's acquaintance with these languages more accurate and complete, by making them the medium of acquiring other branches of education.

While the philological study of these languages is held constantly in mind, such colloquial drill is given, as may prepare the student for using them in the business of life.

THE DEPARTMENT OF MATHEMATICS.

During the first two years in the College Course, the classes have a continuous drill in Pure Mathematics, beginning with the generalizations of Higher Algebra and closing with the Calculus. Then follow Mathematics as applied to Natural Philosophy and Astronomy. While the disciplinary exercises of the student are necessarily abstract, it is the design of the officers in charge of this department to show, by lectures and illustrations, that the formulas of Mathematics are the keys of natural phenomena, and that they underlie the practical arts of life. It is further believed that Mathematics, like Politics, are best learned in their historical development. The discovery and history of formulas are, therefore, made the frequent theme of class-room conversations.

The separate course for Scientific students includes the study of some general treatise on the Philosophy of the Mathematical Sciences.

THE DEPARTMENT OF NATURAL SCIENCE.

In the Department of Natural Science, instruction is given by Lectures. Zoology and Physiology are studied by the Senior Class during the first term. An outline of the general principles of Zoology, embracing the characteristics and methods of classification of the animal kingdom, is followed by a more special study of Human Physiology and Anatomy, with constant reference to the structure and functions of the inferior animals, seeking thus, by making it a study of comparisons and analogies, to develop the existence of a comprehensive plan in organic nature. Constant attention is given, in this department, to the principles of Hygiene.

During the first term, a course of lectures is given to the Junior Class on Chemical Physics, followed, during the second term, by a course of daily lectures on General Chemistry. The properties of the elementary bodies, and their more important combinations, are fully illustrated by ex-

periments in the lecture-room. Special attention is given to the economic and industrial applications of chemical science. Frequent opportunities are afforded for visiting the various manufacturing establishments of the city, in which chemical processes are practically applied.

During the third term, a course of daily lectures is given to the Senior Class on Geology, illustrated by Guyot's Wall-maps and the extensive Lithological, Mineralogical and Palæontological Collections of the Cabinet, representing all the explored portions of the earth's crust.

ANALYTICAL LABORATORY.

To supplement the instruction given to undergraduates in General Chemistry, a Laboratory has been provided and furnished with the requisite apparatus, for the use of those who may wish to pursue a more extended course of theoretical and practical Chemistry, by conducting their own experiments and investigations, under the direction of the Professor.

Special students will be admitted to the Laboratory for instruction in the theory and practice of Chemical Analysis, qualitative and quantitative, the application of Chemistry to Agriculture, Pharmacy, the Mechanic Arts, the Assay of Ores, etc. For further particulars respecting this department, application may be made to the President, or the Professor of Chemistry.

MORAL AND RELIGIOUS CULTURE.

It is the aim of the Faculty, in connection with the discipline of the intellect, to inculcate a pure morality, and the great truths and duties of Evangelical Christianity. The public duties of each day are opened at 9 o'clock, A. M., with reading of the Scriptures and Prayer, in the University Chapel. The students are required to attend, unless specially excused by the Faculty.

In the Greek Department there is a weekly recitation in the Greek New Testament.

Weekly prayer meetings are held by the students in a room, centrally located, which the Trustees have provided for that purpose.

Parents and guardians are requested to designate places of worship, at which their sons, or wards, shall regularly attend on the Sabbath.

GEOLOGICAL AND MINERALOGICAL CABINETS.

These Cabinets, containing over 40,000 carefully selected specimens, are an encyclopædia of the sciences which they illustrate. They were collected by Professor Ward, during six years of extensive foreign travel, and during many careful visits to a large number of the most fruitful American localities. Having been compiled, from the first, upon a plan which contemplates the most complete illustration of every point in these two departments of inorganic nature, it is believed that they offer opportunities to students in these sciences, unsurpassed in this country.

The Cabinet of Geology commences with a collection of over 3,000 rocks, arranged in orders and families, in explanation of the science of Lithology. Every rock species, as recognized by the latest authors, is contained in this series; and all points of interest in technical or economic Geology, are amply illustrated.

Another series of rocks presents those which are, to some extent, characteristic of the several geological formations. Other series are geographical in their character, and show the student the mineral composition of some typical geological region.

A valuable collection of rocks, collected by Prof. James Orton, illustrative of the Geology of the Andes, has been recently added to the Lithological section of the Cabinet.

The collections of Fossils are from the standard localities in Europe and America, and represent the animal and vegetable life which covered the surface of our planet during each of the great geological periods.

A prominent feature of the Cabinet is, that it contains plaster copies, perfect in form and dimensions, of all the well-known genera of fossil quadrupeds.

A section of the Geological Cabinet embraces a series of models, maps, sections, ideal landscapes, and cuts of fossils, intended to illustrate the lectures which are given upon these subjects.

The Cabinet of Minerals is equally rich and comprehensive. It begins with several extensive series of specimens intended to illustrate the subjects of Crystallography, and the physical properties of minerals, and contains about 5,000 choice specimens, representing four-fifths of all the species known.

CABINET OF ARCHÆOLOGY.

The foundation has been laid for an Archæological Cabinet, by the purchase of a small, but well-authenticated, collection of flint and bronze implements from the drift region of Abbeville and St. Acheul, in France. To this cabinet some specimens of the stone implements of the American Indians have been added; and it has recently been enriched by the addition of a very choice collection of stone implements from the vicinity of Copenhagen—the genuineness of which is attested by the most eminent Danish archæologists.

LIBRARY.

The Library of the University is open daily, from 8 to 9 A. M., and on Saturday, from 10:15 to 12 A. M., for consultation and for the drawing of books. All the students have free access to the Library, and are aided in consulting it by the Librarian and other members of the Faculty.

RATHBONE LIBRARY FUND.

Gen. John F. Rathbone, of Albany, has given to the University the sum of twenty-five thousand dollars, the annual income of which is appropriated to the increase of the Library. In the purchase of books, the preference is given to those works which are demanded by the officers and students for the successful prosecution of their inquiries in the various departments of study.

THE SIBLEY LIBRARY.

At the last Commencement of the University it was announced that Hiram Sibley, Esq., of Rochester, had promised to erect a fire-proof building, at an expense of not less than seventy-five thousand dollars, for the accommodation of the Library and Cabinets. The plans for this building are being drawn, and it is expected that it will be commenced, at least, during the current academic year.

RECITATIONS AND EXAMINATIONS.

The recitations are held from 9:15 A. M., to 12:15, each class having three daily exercises of one hour. The number, or length, of these exercises may be increased at the discretion of the Faculty. On Saturday, the classes attend in the Lecture-room but one hour.

An exact daily record is kept of the attendance, conduct and recitations of each student, as well as of the sufficiency or insufficiency of the excuses rendered for delinquency. Summaries of these records are made for every term and year. Being kept in a permanent form, they will determine the standing of each student at any period of his connection with the University, and, in the end, will exhibit a complete history of his College course, for subsequent reference.

Examinations are conducted by a combination of written and oral exercises. In the Greek and Latin Departments, students are required to make written translations, in the

presence of the examining officer, of passages not previously read. The regular examinations are as follows:

1. Of all the classes, at the close of the first and second terms.

2. Of the Senior Class, four weeks before Commencement.

3. Of the other Classes, the week before Commencement.

PUBLIC EXERCISES.

1. Prize Declamation, by the Sophomore Class, on the Monday evening preceding Commencement.

2. Commencement on the Wednesday preceding the Fourth of July.

EXPENSES.

Parents who send their sons to the University are recommended to secure for them, during their College course, the influence of a Christian home, so far as this is practicable. Rooms which afford ample accommodations for two students, can, however, be secured, in buildings designed especially for this purpose, for $1.00 per week. Boarding can be obtained in private families for from $3.50 to $5.00 per week. The Janitor of the University will furnish its patrons with all necessary information respecting rooms and boarding.

Tuition, per term, including incidentals, $20.00.

The rules for payment of tuition, established by the Trustees, require the settlement of all bills at the beginning of each term; that students in the partial course pay full tuition; and that orders for tuition on scholarships be presented as soon as received. No deduction is made for absence.

A large number of students find profitable employment in the city, in teaching private pupils and classes, and in various other occupations; thus enabling them to provide, in considerable part, for the expenses of their education. *Students who have a practical acquaintance with any of the useful arts, are able to procure constant and remunerative employment in the city.*

Indigent students for the ministry, regularly approved by churches, receive assistance from the New York Baptist Union for Ministerial Education, and, under certain conditions, free tuition from the University, which has set apart 40 scholarships for this purpose.

Other indigent students, of good character, are occasionally assisted from funds at the disposal of the President.

Parents and guardians are earnestly requested to exercise a careful supervision over their sons or wards, and to discriminate between necessary and unnecessary expenses. Experience proves that nothing has a more unfavorable influence upon a student's moral conduct, and habits of study, than the unrestrained use of money.

PREMIUMS, EXTRA STUDIES, ETC.

DAVIS PRIZE MEDALS.

The sum of $1,000 has been given to the funds of the University by the Hon. Isaac Davis, LL. D., of Worcester, Mass., the annual income of which is, by the direction of the donor, to be expended in purchasing two gold medals of unequal value, to be given to the two members of the graduating class whose orations, on Commencement Day, shall exhibit, respectively, the first and second grades of excellence in thought, composition and delivery combined.

THE STODDARD PRIZE MEDAL.

Professor John F. Stoddard—himself a distinguished Mathematical teacher and author—has given to the University the endowment for a gold medal of the value of one

hundred dollars, which is to be awarded to the student in each graduating class (having been three years a member of the University, and having maintained a good standing in all the studies of the curriculum) who shall have passed the best examination on the Mathematical studies of the entire course, and also on some special topic to be assigned by the Faculty; provided that such examination shall have attained to a certain absolute value.

The special topic on which the members of the present Senior Class will be examined, is SURFACES OF REVOLUTION AND SURFACES OF THE SECOND ORDER, as treated in Church's Analytical Geometry, pp. 238–266.

THE DAVIS SCHOLARSHIP.

A scholarship for the benefit of some indigent student has been founded by the Hon. Isaac Davis, LL. D., yielding $70 a year. This income is now available under certain conditions, affecting character and scholarship, prescribed by the founder.

THE SHELDON SCHOLARSHIP.

By the liberality of Abraham Sheldon, Esq., of Adams Centre, free tuition has been provided forever for some student, who shall be approved by the Faculty as especially worthy of assistance.

THE CITY SCHOLARSHIPS.

In recognition of the interest taken by the citizens of Rochester in the establishment of the University, twelve scholarships, which entitle their holders to free tuition, have been granted by the Board of Trustees to the City of Rochester. These scholarships, to the number of three in each class, are awarded as prizes for excellence in the studies of the Rochester City Schools, preparatory to college.

SENIOR PRIZE ESSAY.

A premium will be given to the member of each Senior Class who shall present the best essay upon a subject selected by the Faculty.

The subject for the present year is MOLIERE'S PLACE IN LITERATURE.

THE DEWEY PRIZE DECLAMATIONS.

Premiums are given for the best exercises in Declamation, by members of the Sophomore Class,—those students only being allowed to compete whose standing and deportment are especially approved by the Faculty. The funds for this purpose are derived from a bequest by the Rev. Dr. Beadle, of Philadelphia, a pupil and friend of the late Dr. Dewey.

EXTRA STUDIES WITH PREMIUMS.

Students who are in regular attendance, and whose scholarship in all departments reaches a certain fixed standard, are permitted to pursue studies additional to the required curriculum, with a view to competition for premiums. The names of those who sustain a successful examination are honorably mentioned, in connection with the names of those who take premiums, in the annual catalogue of the University.

JUNIOR CLASS.

A premium will be given to the member of the Junior Class who shall pass the best examination upon some portion of a Greek author, selected by the Faculty, which shall have been read in addition to the regular and required course of Greek studies.

The examination for the present year will be on THE SECOND AND THIRD BOOKS OF ARISTOTLE'S ETHICS.

SOPHOMORE CLASS.

A premium will be given to the member of the Sophomore Class who shall pass the best examination upon some portion of a Latin author, selected by the Faculty, which shall have been read in addition to the regular and required course of Latin studies.

The examination for the present year will be on THE THIRD BOOK OF THE DE ORATORE OF CICERO.

FRESHMAN CLASS.

A premium will be given to the member of the Freshman class who shall pass the best examination in Mathematical studies, selected by the Faculty, in addition to the studies of the regular course.

The examination for the present year will be on RAY'S HIGHER ALGEBRA.

EXTRA STUDIES WITHOUT PREMIUMS.

Students who are regular in attendance, and whose scholarship, in all departments, reaches the standard before mentioned, are encouraged to pursue studies additional to the required curriculum, under the instruction of the Faculty, without competition for premiums. The successful prosecution of such studies—which will be tested by careful examinations—is distinguished by honorable reference in the annual catalogue of the University.

AWARDS FOR THE YEAR 1870-71.

The following students are honorably distinguished for work done during the last academic year:

SENIOR CLASS.

The First Davis Medal, for the best oration on Commencement Day, including composition and delivery, was awarded to CHARLES MILLER WILLIAMS, and the Second Davis Medal, to ALFRED M. WORCESTER.

Honorable mention was made of BENJAMIN FOLSOM, WILLIAM H. SHAFFER and THANBYAH.

Committee of Award:

Prof. G. Anderson, D. D.,
Hon. J. O. Putnam,
Rev. H. W. Morris.

The Stoddard Prize Medal, for superior attainments in the Department of Mathematics, was awarded to ALFRED M. WORCESTER, with honorable mention of GEORGE F. WILKIN.

Committee of Award:

Prof. A. B. Evans,
Prof. Quinby.

The Prize for the best essay on The Historical Significance of Scott's Ivanhoe, was awarded to ROBERT B. HULL and HENRY P. EMERSON.

Committee of Award:

Theodore Bacon, Esq.,
F. A. Whittlesey. Esq.

J. C. Foley is entitled to honorable mention for an examination on Wheaton's International Law, read without reference to a prize.

A. J. Lyon is entitled to honorable mention for an examination on The Vision of Piers Plowman; and also for an examination on Schiller's Thirty Years' War, read without reference to a prize.

W. C. Simpson is entitled to honorable mention for an examination on The Vision of Piers Plowman, read without reference to a prize.

Frank Gilman is entitled to honorable mention for an examination on Church's Calculus, passed without reference to a prize.

JUNIOR CLASS.

For an examination on Plutarch *De Sera Numinis Vindicta*, the First Premium was awarded to Alfred A. Newhall.

Committee of Award:

D. S. Benjamin,
Dr. Kendrick.

William T. Mills is entitled to honorable mention for an examination on The Electra of Sophocles, read without reference to a prize.

Adelbert Pierson Little is entitled to honorable mention for an examination on the Germania of Tacitus, read without reference to a prize.

Alfred A. Newhall is entitled to honorable mention for an examination on Pascal's Thoughts and one-half of the Provincial Letters, read in the original, without reference to a prize.

Solomon Wile is entitled to honorable mention for an examination on Nine Satires of Juvenal, read without reference to a prize.

SOPHOMORE CLASS.

For excellence in Declamation:

E. W. Hunt, First Premium.
P. H. Edick, Second Premium.
A. W. Horton, Third Premium.

Honorable mention was made of C. M. Vrooman and George D. Olds.

Committee of Award:

Rev. Dr. Turnbull,
Rev. N. M. Mann,
J. W. Stebbins, Esq.

For an examination on the Andria of Terence:

HENRY C. VEDDER, First Premium.

GEORGE F. LINFIELD, Second Premium.

Committee of Award:

Prof. J. C. Overhiser,
Prof. Sage.

E. W. HUNT is entitled to honorable mention for an examination, of marked excellence, on the Andria of Terence.

H. C. VEDDER is entitled to honorable mention for an examination on Vernon's Anglo-Saxon Guide and 600 lines of Beowulf, read without reference to a prize.

ARTHUR WELLINGTON HORTON is entitled to honorable mention for an examination on the Metallurgy of Iron, which had been investigated without reference to a prize.

FRESHMAN CLASS.

For an examination on Perkins's Algebra.

ALBERT FEARING CHADWICK, First Premium.

Committee of Award:

George D. Hale,
Prof. Robinson.

CHARLES B. PARKER is entitled to honorable mention for an examination on the First and Seventh Books of Xenophon's Cyropædia, read without reference to a prize.

ALBERT FEARING CHADWICK is entitled to honorable mention for an examination on the First and Second Books of Homer's Odyssey; the De Amicitia, De Legibus, De Senectute, Paradoxes and Somnium Scipionis of Cicero; and Nepos's Life of Atticus, read without reference to a prize.

FRANK E. GLEN is entitled to honorable mention for an examination on the First, Second and Sixth Books of Xenophon's Cyropædia; the First, Fifth, Sixth, Ninth and Twelfth Books of Homer's Odyssey; and the De Legibus and De Amicitia of Cicero, read without reference to a prize.

VACATIONS.

1. Of ten days, including the Winter Holidays.
2. Of one week, from the end of the Winter Term.
3. Of eleven weeks, immediately after Commencement.
4. The College Exercises are suspended on:

 Thanksgiving Day.
 Washington's Birth-Day.
 The Day of Prayer for Colleges.
 The Anniversary of the Rochester Theological Seminary.
 Class-Day.

CALENDAR.

1871-72.

December 22,	First Term ends.
January 3,	Second Term begins.
January 4,	Day of Prayer for Colleges.
March 27,	Second Term Ends.
April 4,	Third Term begins.
May 4—June 6,	Senior Examinations.
June 7,	CLASS-DAY.
June 30,	Sermon before the Christian Association.
July 1, (evening,)	Sophomore Prize Declamation.
July 1—2,	Examinations for Admission.
July 2, (evening,)	Oration and Poem before the Alumni.
July 3,	COMMENCEMENT.
September 18,	Examinations for Admission.
September 19,	First Term begins.
December 23,	First Term ends.

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George Raynolds Stearns,	*Buffalo*,	37 Howell St.
William Soule Stickney,	*Washington, D. C.*,	44 Park Av.
Horace Johnson Tuttle,	*Lyndonville*,	13 N. Union St.
Edwin Electus Van Auken, E,	*Rochester*,	91 North St.
Frank Dinwiddie Vreeland,	*Paterson, N. J.*,	12 Harvard St.
Francis R. Welles,	*Towanda, Pa.*,	11 Oregon St.
C. Richard Williams,	*Avoca*,	120 North St.
Frederic William Young,	*Rochester*,	14 Caledonia Av.

SOPHOMORES, - - - - - - 42.

FRESHMEN.

NAMES.	RESIDENCES.	ROOMS.
Charles Wisner Adams,	*Rochester*,	263 N. St. Paul St.
Joseph Tilden Alling,	*Rochester*,	74 S. Fitzhugh St.
Louis Amory Amsden, S,	*Rochester*,	7 Prince St.
George Preston Barton, E,	*Rochester*,	15 Chestnut St.
Frank Julius Bellamy,	*Rome*,	8 James St.
Francis Edward Bixby,	*Johnson's Creek*,	5 Gibbs St.
Everett Alanson Brown,	*Rochester*,	246 Brown St.
Benjamin Reynolds Bulkley,	*Valatie*,	4 Evergreen St.
John Betts Calvert,	*Cortland*,	37 Chestnut St.
Arthur Billings Chaffee,	*Saratoga Springs*,	58 Monroe Av.
Orlando Elmer Clark, S,	*Darien*,	8 Matthews St.
George Washington Coon,	*Middleport*,	5 Gibbs St.
Augustus Dalrymple,	*Stockton, N. J.*,	37 Howell St.
William Kendrick Dean,	*Rochester*,	33 N. Fitzhugh St.
Jacob Adolph Driesz,	*Lockport*,	181 North St.
Jefferson Thomas Fry, C,	*Greece*,	5 Gibbs St.
Arthur Alfred Gillette,	*Rome*,	8 James St.
Charles Wilder Gorton,	*Rochester*,	41 Plymouth Av.
Arthur B. Griffen,	*Saratoga Springs*,	58 Monroe Av.
Alexander Wilson Guild, S,	*Buffalo*,	6 Charlotte St.
Horace Holmes Hunt,	*East Clarence*,	55 Sibley Block.

Robert Robbins Little,	*Bloomsburg, Pa.*,	13 Park Av.
Burton J. Howard M'Afee,	*Athens, Pa.*,	11 Oregon St.
Frank Livingston Morse,	*Rochester*,	15 Arnold Park.
George Percy Morse,	*Rochester*,	27 Pearl St.
James Clinton Peet, E,	*West Webster*,	20 Park Av.
James Albert Raynsford,	*North Greece*,	71 Smith's Arcade.
Charles Wolbert Ridgway,	*Brooklyn*,	65 North St.
Fletcher Joshua Sherman,	*Newark*,	20 Palmer's Block.
Wm. Corning Sherwood, E,	*Dartford, Wis.*,	6 Charlotte St.
Joseph Frank Thompson,	*Brooklyn*,	167 Monroe Av.
Charles Foote Thorpe,*	*Rochester*,	94 Alexander St.
Fred. Augustus Vanderburgh,	*Cortland*,	7 Meigs St.
Wm. Richardson Vosburgh,	*Lyons*,	20 Palmer's Block,
Joseph Wamsley, S, C,	*Rochester*,	61 Lake Av.
William Edward Wamsley, S,	*Rochester*,	61 Lake Av.
William Hall Wamsley,	*Rochester*,	48 Goodman St.
Robert Langford Wever, S,	*Leavenworth, Kan.*,	6 Charlotte St.
Nathan Weidenthal,	*Cleveland, O.*,	24 Chatham St.
Fred Potter Wilcox,	*Rochester*,	222 Monroe St.
Frank Le Moin Wilkins,	*Canandaigua*,	37 Chestnut St.
William E. Wright,	*Newark, N. J.*,	37 Chestnut St.

FRESHMEN, - - - - - - - - - 42.

* Deceased.

STUDENTS IN ANALYTICAL CHEMISTRY.

NAMES.	RESIDENCES.
Charles Patrick Barry,	Rochester.
Charles Marvin Everest,	Rochester.
Frederick Samuel Fish,	Newark, N. J.
Frank Sheldon Fosdick,	Westfield.
Charles Lincoln Gibbs,	Titusville, Pa.
Caleb Sherman Hanks,	Rochester.
Edward Wester Hudnut,	Big Rapids, Mich.
Isaiah Borroughs Hudnut,	Middleport.
James Monroe Hudnut,	Rochester.
M. L. Mallory,	Rochester.
Marcus Michaels,	Rochester.
Edward Mott Moore,	Rochester.
Andrew Van Dyke,	Rochester.
Francis X. Weigel,	Rochester.
Solomon Wile,	Rochester.

STUDENTS IN ANALYTICAL CHEMISTRY, - - 15.

SUMMARY.

Seniors,	25
Juniors,	39
Sophomores,	42
Freshmen,	42
Special Students in Analytical Chemistry,	9
Total,	157

*** Candidates for the degree of Bachelor of Science are marked, **S**; students who are not candidates for degrees, **E**; students who are temporarily absent, **A**; students who have entrance conditions to make up, **C**; students deficient on term examinations, **D**.

ORGANIZATION.

THREE courses of study are open to members of the University:

I. THE CLASSICAL COURSE, extending through four years; at the expiration of which time, those who have satisfactorily met the requirements of the Faculty are admitted to the degree of Bachelor of Arts.

II. THE SCIENTIFIC COURSE, extending through four years, and embracing no Greek, and only so much Latin as is essential to the successful prosecution of the modern languages and the mastery of scientific terminology. In the place of Greek and Latin, a more extended course of study is prescribed in Physical Science, Mathematics, History, and the Modern Languages. Those who satisfactorily complete this course, are admitted to the degree of Bachelor of Science.

III. THE ECLECTIC COURSE, designed for students who may desire to attend the recitations of particular departments, without becoming candidates for degrees. Such students are admitted, provided they have the requisite preparation for the studies of those departments, and become subject to the laws of the University. This arrangement is designed to meet the wants of those whose age, or circumstances, may prevent them from pursuing either of the regular courses, but who are desirous of obtaining the liberal culture which the studies of a portion of the course will give them. Special care is taken to give such persons the instruction which they require.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the University are expected to furnish satisfactory testimonials respecting character; and, if from other colleges, certificates of regular dismission.

No person will be admitted to the Freshman Class who has not completed his fourteenth year, or to an advanced standing without a corresponding advance in age.

The Monday and Tuesday before Commencement, and the Wednesday before the opening of the following term, are the regular times for examining candidates. Examinations may take place at other times at the discretion of the Faculty.

FOR THE CLASSICAL COURSE.

Kerl's Shorter Course in English Grammar; Guyot's Common School Geography; Swinton's Condensed History of the United States; Robinson's Arithmetic; Robinson's University Algebra—to Quadratic Equations; Robinson's Geometry—three books; Harkness's, or Allen and Greenough's, Latin Grammar; Four books of Cæsar's Commentaries; Four Orations of Cicero—of which one shall be that for the poet Archias, and one that for the Manilian Law; Six books of Virgil's Æneid; Hadley's, or Crosby's, Greek Grammar; Three books of Xenophon's Anabasis.

FOR THE SCIENTIFIC COURSE.

The same as for the Classical Course, with the exception of the requirements in Greek.

FOR THE ECLECTIC COURSE.

Sufficient preparation to profit by the instruction given to any existing class.

A fair equivalent for the above requirements will, of course, be accepted, but candidates for admission are advised to conform, literally, to the requirements of the catalogue. Upon their examination for entrance, and in their subsequent instruction, it will be taken for granted that they have done so.

Persons who wish to pursue studies in this city or vicinity, preparatory to admission to the University, will find ample facilities for doing so, under the advice and direction of the Faculty.

Any student who may be admitted to the University under conditions; as also any student who, after admission, may have shown himself deficient in any department of study, will be required to make up his deficiencies under a private tutor, who shall be selected by the Faculty. All existing deficiences of this nature will be noted in the catalogue. Special examinations will be held on the third Saturday after the beginning, and the third Saturday before the close, of each term, for the accommodation of students who may have been absent from the regular class examinations, or who may have failed to pass those examinations.

COURSE OF INSTRUCTION.

CLASSICAL COURSE.

FRESHMAN CLASS.

FIRST TERM.

- Livy—*Lincoln.*
- Latin Prose Composition—*Allen.*
- Selections from the Greek Historians.
- Greek Ollendorf—*Kendrick.*
- Algebra—*Robinson.*
- Phonetic Analysis and Phonography—*Pitman.*

SECOND TERM.

- Livy and Valleius Paterculus.
- Latin Prose Composition—completed.
- Homer's Iliad.
- Greek Ollendorf—completed.
- Algebra—completed. Geometry—*Robinson.*
- Vocal Culture—*Monroe's Vocal Gymnastics.*

THIRD TERM.

- Selections from the Greek Historians.
- Geometry and Trigonometry.
- Lectures on English Composition.
- Lectures on Elocution—Class Room Declamations.

SOPHOMORE CLASS.

FIRST TERM.

- Surveying, Navigation and Analytical Geometry.
- Tacitus.
- Lectures on Roman History.
- French—*Fasquelle.*
- Lectures on the English Language and Literature.
- Mediæval History.

SECOND TERM.

- Differential and Integral Calculus—*Loomis.*
- Select Orations of Demosthenes.
- German—*Woodbury.*
- Readings and Dissertations in English Literature—*Craik's English of Shakspeare.*
- Mediæval and Modern History.

THIRD TERM.

- HORACE—*Lincoln.*
- Lectures on Roman Literature.
- FRENCH.
- Readings and Dissertations in English Literature—*Milton, Clarendon Press Edition.*
- Modern History.

JUNIOR CLASS.

FIRST TERM.

- LOGIC—*Lectures, Thomson and Fowler.*
- SELECT GREEK TRAGEDIES.
- PHYSICS—*Snell's Olmsted.*
- Lectures on Chemical Physics.

SECOND TERM.

- RHETORIC—*Lectures, Whately and Herbert Spencer.*
- PHYSICS—Continued.
- CHEMISTRY—*Roscoe and Lectures.*
- Lectures on Chemical Physics.

THIRD TERM.

- CICERO DE NATURA DEORUM.
- Lectures on Roman Philosophy.
- LONGINUS ON THE SUBLIME, or ANALYTICAL CHEMISTRY.
- Lectures on Greek Literature.
- ASTRONOMY—*Norton.*
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.

- INTELLECTUAL PHILOSOPHY—*Lectures.*
- READINGS AND PRELECTIONS IN PLATO AND ARISTOTLE, or ANALYTICAL CHEMISTRY, or CIVIL ENGINEERING.
- Lectures on Greek Philosophy.
- ZOÖLOGY AND PHYSIOLOGY—*Dalton and Lectures.*
- Lectures on the History of Art.

SECOND TERM.

- INTELLECTUAL AND MORAL PHILOSOPHY.
- HISTORY OF CIVILIZATION IN EUROPE—*Lectures.*
- READINGS AND PRELECTIONS IN THE INSTITUTES OF GAIUS AND JUSTINIAN, or CIVIL ENGINEERING.
- Lectures on Roman Jurisprudence.
- Lectures on the History of Philosophy.

THIRD TERM.
- Constitutional Law and Political Economy—*Lectures and Blanqui.*
- Studies in Early and Recent English, or Whitney on Language.
- Geology—*Lectures.*
- Lectures on Physical Geography.

SCIENTIFIC COURSE.

Students in this Course recite, so far as their studies coincide, with those in the Classical Department, using the same text-books.

FRESHMAN CLASS.

FIRST TERM.
- Algebra.
- Latin.
- Ancient History—*Smith's Greece.*
- Phonetic Analysis and Phonography.

SECOND TERM.
- Algebra—Completed. Geometry.
- Latin.
- Greek Classics for English Readers—*The Historians and Orators.*
- Vocal Culture.

THIRD TERM.
- English Composition.
- Greek Classics for English Readers—*The Poets and Dramatists.*
- Geometry and Trigonometry.
- Elocution.

SOPHOMORE CLASS.

FIRST TERM.
- Surveying, Navigation and Analytical Geometry.
- French.
- Latin.
- English Language and Literature.
- Mediæval History.

SECOND TERM.
- Calculus.
- German.
- Mediæval History—*Smith's Gibbon.*
- English Language and Literature.

THIRD TERM.
- French.
- German.
- Latin.
- English Language and Literature.
- Modern History.

JUNIOR CLASS.

FIRST TERM.
- Logic.
- English Literature—*Shaw.*
- Physics.
- Lectures on Chemical Physics.

SECOND TERM.
- Rhetoric.
- Physics.
- Chemistry.
- Lectures on Chemical Physics.

THIRD TERM.
- Analytical Chemistry.
- Astronomy.
- Latin, or Whewell's History of the Inductive Sciences.
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.
- Intellectual Philosophy.
- Zoölogy and Physiology.
- Civil Engineering, or Analytical Chemistry.
- Lectures on the History of Art.

SECOND TERM.
- Intellectual and Moral Philosophy.
- Latin, or Advanced German, or Civil Engineering.
- History of Civilization.
- Lectures on the History of Philosophy.

THIRD TERM.
- Studies in Early and Recent English, or Whitney on Language.
- Geology.
- Constitutional Law and Political Economy.
- Lectures on Physical Geography.

BOOKS OF REFERENCE.

The following works are recommended for reference:

Webster's Dictionary—*the latest edition, unabridged.*
Soule and Wheeler's Manual of Pronunciation and Spelling.
Angus's Handbook of the English Tongue.
Vernon's Anglo-Saxon Guide.
Chambers' Cyclopædia of English Literature.
Marsh's Origin and History of the English Language.
Abbott's Shakspearian Grammar.
Liddell and Scott's Greek Lexicon.
Yonge's Greek-English Lexicon.
Madvig's, or Zumpt's, Latin Grammar.
Andrews' Latin Lexicon.
Long's Classical Atlas.
Smith's Greek and Roman Antiquities.
Thieme's German Dictionary.
Spiers and Surenne's French Dictionary.
Smith's History of Greece.
Liddell's History of Rome.
Hallam's Middle Ages.
Guizot's History of Civilization.
Cooke's Chemical Physics.
Miller's Chemistry.
Dana's Mineralogy.
Agassiz and Gould's Zoology.
Carpenter's and Draper's Physiologies.
Dana's Manual of Geology.
Gray's Structural Botany and Manual.
Fleming's Vocabuiary of Philosophy.
Murray's Hamilton.
Bledsoe's Philosophy of Mathematics.

GENERAL VIEW OF THE CURRICULUM.

One who desires to understand the work which the University attempts to perform, may be referred to the tabular statements, already given, of the courses of study which are prescribed for students. It seems appropriate, however, that special attention be called to some features in the several departments of instruction.

THE DEPARTMENT OF METAPHYSICS.

Intellectual and Moral Philosophy are taught mainly by lectures. Propositions embodying an outline of these subjects, with a condensed discussion of each, are dictated to the class. Copious illustrations of the topics are then given, with full opportunities for questions and discussions on the part of the class, until the doctrine set forth is completely understood. The design of the course is to fix convictions in the student's mind regarding the reality, certainty and limits of human knowledge, and show that man has a moral and intellectual constitution, existing in the germ, before the processes of thought and action begin.

In furtherance of these objects, recourse is constantly had to the history of thought on the topics discussed, with a view to set forth the gradual progress, through the ages, toward definite and scientific conceptions of man's nature. Care is taken to put over against each truth taught, its antagonistic error; and, also, to select illustrations of these subjects from common life, so that the student, in acquiring a knowledge of the mental and moral constitution of *man*, shall be, at the same time, gaining that practical knowledge of *men* which shall conduce to his success in the business, or profession, to which he looks forward.

THE CLASSICAL DEPARTMENT

Aims, by the careful reading of the Greek and Latin classics, and by assiduous practice in writing Greek and Latin prose, to give the student such familiarity with the classical tongues, as shall unlock to him the treasure-house of ancient thought and feeling; and, at the same time, fit him to acquire a more complete mastery of those modern languages which are so largely derived from a classical source. The practical features of Greek and Roman life are made a matter of careful study; and the classics are futher utilized by making them supplement other courses of study—Longinus, Plato and Cicero being read in connection with instruction in Rhetoric and Mental and Moral Philosophy.

THE DEPARTMENT OF HISTORY.

Although the Faculty of Instruction embraces no officer who is distinctively charged with the care of this department, an ample course of historical studies is provided for the student. Instruction is given in Greek and Roman History in connection with the Classical Department. Mediæval and Modern History are taught in weekly lectures which cover three entire terms. The study of the English Language and Literature is necessarily approached from an ethnologic and historic point of view. In the Senior year an entire term is devoted to the study of History—lectures being given on Physical Geography, Ethnology, and on a series of fundamental topics which include an outline survey of the forces, moral and physical, that have resulted in modern civilization, and in the formation of the state system of Europe and America. Another term is divided between Political Economy and the Constitutional Law of England and the United States.

THE DEPARTMENT OF RHETORIC

Is regarded as an organic whole whose reciprocally dependent parts are:

1. The Laws of thought or *Logic.*

2. The Laws of Expression, or in the abstract, *Rhetoric*, in the concrete, *Literature*—both, of course, presupposing, for the English student, a minute and thorough acquaintance with the *English Language.*

3. The Laws of Utterance, or *Elocution.*

In accordance with this conspectus, the student is taught, from the outset of his college course, to analyze his mental processes and adapt his words to his thoughts, his tones and gestures to his words. Particular attention is paid to the study of the English Language in its origin and development, and in its use by such writers as Chaucer, Shakspeare, Bacon and Milton—whose works are studied with the same care as those of Horace, Sophocles, Plato and Homer.

In connection with this department, orations are pronounced before the University, by students in the third term of the Junior, and the first and second terms of the Senior year—each student being required to prepare and deliver at least one oration in each term.

During the Freshman year, there is a regular weekly exercise in Phonetic Analysis, Phonography and Elocution. Members of the Junior and Sophomore classes are required to present original essays or oral dissertations twice, at least, in each term. These essays are, as a general rule, read and criticised in the presence of the writer ; and are freely used for class-room illustration of Rhetorical excellences and defects.

THE DEPARTMENT OF MODERN LANGUAGES

Embraces a course of at least two terms in French and two in German for every student who is a candidate for a degree.

While the philological study of these languages is held constantly in mind, such colloquial drill is given, as may prepare the student for using them in the business of life.

THE DEPARTMENT OF MATHEMATICS.

During the first two years of the College Course, the classes have a continuous drill in Pure Mathematics, beginning with the generalizations of Higher Algebra and closing with the Calculus. Then follow Mathematics as applied to Natural Philosophy and Astronomy. While the disciplinary exercises of the student are necessarily abstract, it is the design of the officers in charge of this department to show, by lectures and illustrations, that the formulas of Mathematics are the keys of natural phenomena, and that they underlie the practical arts of life. It is further believed that Mathematics, like Politics, are best learned in their historical development. The discovery and history of formulas are, therefore, made the frequent theme of class-room conversations.

The separate course for Scientific students includes the study of some general treatise on the Philosophy of the Mathematical Sciences.

THE DEPARTMENT OF NATURAL SCIENCE.

In the Department of Natural Science, instruction is given by Lectures. Zoölogy and Physiology are studied by the Senior Class during the first term. An outline of the general principles of Zoology, embracing the characteristics and methods of classification of the animal kingdom, is followed by a more special study of Human Physiology and Anatomy, with constant reference to the structure and functions of the inferior animals, seeking thus, by making it a study of comparisons and analogies to develop the existence of a comprehensive plan in organic nature. Constant attention is given, in this department, to the principles of Hygiene.

During the first term, a course of lectures is given to the Junior Class on Chemical Physics, followed, during the second term, by a course of daily lectures on General Chemistry. The properties of the elementary bodies and their

more important combinations, are fully illustrated by experiments in the lecture room. Special attention is given to the economic and industrial applications of Chemical science. Frequent opportunities are afforded for visiting the various manufacturing establishments of the city, in which Chemical processes are practically applied.

During the third term, a course of daily lectures is given to the Senior Class on Geology, illustrated by Guyot's wall-maps and the extensive Lithological, Mineralogical and Palæontological Collections of the Cabinet, representing all the explored portions of the earth's crust.

ANALYTICAL LABORATORY.

To supplement the instruction given to undergraduates in General Chemistry, a Laboratory has been provided and furnished with the requisite apparatus, for the use of those who may wish to pursue a more extended course of theoretical and practical Chemistry, by conducting their own experiments and investigations, under the direction of the Professor.

Special students will be admitted to the Laboratory for instruction in the theory and practice of Chemical Analysis, qualitative and quantitative, the application of Chemistry to Agriculture, Pharmacy, the Mechanic Arts, the Assay of Ores, etc. For further particulars respecting this department, application may be made to the President, or the Professor of Chemistry.

MORAL AND RELIGIOUS CULTURE.

It is the aim of the Faculty, in connection with the discipline of the intellect, to inculcate a pure morality, and the great truths and duties of Christianity. The public duties of each day are opened at 9 o'clock A. M., with reading of the Scriptures and Prayer, in the University Chapel. The students are required to attend, unless specially excused by the Faculty.

In the Greek Department there is a weekly recitation in the Greek New Testament.

Weekly prayer meetings are held by the students in a room, centrally situated, which the Trustees have provided for that purpose.

Parents and guardians are requested to designate places of worship, at which their sons, or wards, shall regularly attend on the Sabbath.

GEOLOGICAL AND MINERALOGICAL CABINETS.

These Cabinets, containing over 40,000 carefully selected specimens, are an encyclopædia of the sciences which they illustrate. They were collected by Professor Ward, during six years of extensive foreign travel, and during many careful visits to a large number of the most fruitful American localities. Having been compiled, from the first, upon a plan which contemplates the most complete illustration of every point in these two departments of inorganic nature, it is believed that they offer opportunities to students of these sciences, unsurpassed in the country.

The Cabinet of Geology commences with a collection of over 3,000 rocks, arranged in orders and families, in explanation of the science of Lithology. Every rock species, as recognized by the latest authors, is contained in this series; and all points of interest in technical or economic Geology, are amply illustrated.

Another series of rocks presents those which are, to some extent, characteristic of the several geological formations. Other series are geographical in their character, and show the student the mineral composition of some typical geological region.

The Lithological section of the Cabinet also contains a valuable series of rocks, collected by Prof. James Orton, illustrative of the Geology of the Andes.

The collections of Fossils are from the standard localities in Europe and America, and represent the animal and vegetable life which covered the surface of our planet during each of the great geological periods.

A prominent feature of the Cabinet is, that it contains plaster copies, perfect in form and dimensions, of all the well-known genera of fossil quadrupeds.

A section of the Geological Cabinet embraces a series of models, maps, sections, ideal landscapes, and cuts of fossils, intended to illustrate the lectures which are given upon these subjects.

The Cabinet of Minerals is equally rich and comprehensive. It begins with several extensive series of specimens intended to illustrate the subjects of Crystallography, and the physical properties of minerals, and contains about 5,000 choice specimens, representing four-fifths of all the species known.

CABINET OF ARCHÆOLOGY.

The foundation has been laid for an Archæological Cabinet, by the purchase of a small, but well-authenticated collection of flint and bronze implements from the drift region of Abbeville and St. Acheul, in France. To this cabinet some specimens of the stone implements of the American Indians have been added; and it has recently been enriched by the collection of a very choice collection of stone implements from the vicinity of Copenhagen—the genuineness of which is attested by the most eminent Danish archæologists.

LIBRARY.

The Library of the University is open daily, from 8 to 9 A. M., and on Saturday, from 10:15 to 12 A. M., for consultation and for the drawing of books. All the students have free access to the Library, and are aided in consulting it by the Librarian and other members of the Faculty.

RATHBONE LIBRARY FUND.

Gen. John F. Rathbone, of Albany, has given to the University the sum of twenty-five thousand dollars, the annual income of which is appropriated to the increase of the Library. In the purchase of books, the preference is given to those works which are demanded by the officers and students for the successful prosecution of their inquiries in the various departments of study.

THE SIBLEY LIBRARY.

A fire-proof building, the gift of the Hon. Hiram Sibley, of Rochester, is now being built, at an expense of about one hundred thousand dollars, for the accommodation of the Library and Cabinets.

RECITATIONS AND EXAMINATIONS.

The recitations are held from 9:15 A. M., to 12:15, each class having three daily exercises of one hour. The number, or length, of these exercises may be increased at the discretion of the Faculty. On Saturday, the classes attend in the lecture-room but one hour.

An exact daily record is kept of the attendance, conduct and recitations of each student, as well as of the sufficiency or insufficiency of the excuses rendered for delinquency. Summaries of these records are made for every term and year. Being kept in a permanent form, they will determine the standing of each student at any period of his connection with the University, and, in the end, will exhibit a complete history of his College course, for subsequent reference.

Examinations are conducted by a combination of written and oral exercises. In the Greek and Latin Departments, students are required to make written translations, in the presence of the examining officer, of passages not previously read. The regular examinations are as follows :

1. Of all the classes, at the close of the first and second terms.

2. Of the Senior Class, four weeks before Commencement.

3. Of the other classes, the week before Commencement.

PUBLIC EXERCISES.

1. Prize Declamations by the Sophomore Class, on the Monday evening preceding Commencement.

2. Commencement, on the Wednesday preceding the Fourth of July.

EXPENSES.

Parents who send their sons to the University are recommended to secure for them, during their College course, the influence of a Christian home, so far as this is practicable. Rooms which afford ample accommodations for two students, can, however, be secured, in buildings designed especially for this purpose, for $1.00 per week. Boarding can be obtained in private families for from $3.50 to $5.00 per week. The Janitor of the University will furnish its patrons with all necessary information respecting rooms and boarding.

Tuition, per term, including incidentals, $20.00.

The rules established by the Trustees, with reference to the payment of tuition, *require the settlement of all bills at the beginning of each term*; that students in the Eclectic Course pay full tuition; and that orders for tuition on schol-

arships be presented as soon as received. No deduction is made for absence.

A large number of students find profitable employment in the city, in teaching private pupils and classes, and in various other occupations; thus enabling them to provide in considerable part, for the expenses of their education. Students who have practical acquaintance with any of the useful arts, are able to procure constant and remunerative employment in the city.

Indigent students for the ministry, regularly approved by churches, receive assistance from the New York Baptist Union for Ministerial Education, and, under certain conditions, free tuition from the University, which has set apart 40 scholarships for this purpose.

Other indigent students, of good character, are occasionally assisted from funds at the disposal of the President.

Parents and guardians are earnestly requested to exercise a careful supervision over their sons or wards, and to discriminate between necessary and unnecessary expenses. Experience proves that nothing has a more unfavorable influence upon a student's moral conduct and habits of study, than the unrestrained use of money.

PREMIUMS, EXTRA STUDIES, ETC.

THE DAVIS PRIZE MEDALS.

The sum of $1,000 has been given to the funds of the University by the Hon. Isaac Davis, LL. D., of Worcester, Mass., the annual income of which is, by the direction of the donor, to be expended in purchasing two gold medals of unequal value, to be given to the two members of the graduating class whose orations, on Commencement Day,

shall exhibit, respectively, the first and second grades of excellence in thought, composition and delivery combined.

THE STODDARD PRIZE MEDAL.

Professor John F. Stoddard—himself a distinguished Mathematical teacher and author—has given to the University the endowment for a gold medal of the value of one hundred dollars, which is to be awarded to the student in each graduating class (having been three years a member of the University, and having maintained a good standing in all the studies of the curriculum) who shall have passed the best examination on the Mathematical studies of the entire course, and also on some special topic to be assigned by the Faculty ; provided that such examination shall have attained to a certain absolute value.

The special topic on which the members of the present Senior Class will be examined, is : SURFACES OF REVOLUTION AND SURFACES OF THE SECOND ORDER, as treated in Church's Analytical Geometry, pp. 238–266.

THE DAVIS SCHOLARSHIP.

A scholarship for the benefit of some indigent student has been founded by the Hon. Isaac Davis, LL. D., yielding $70 a year. This income is now available under certain conditions, affecting character and scholarship, prescribed by the founder.

THE SHELDON SCHOLARSHIP.

By the liberality of Abraham Sheldon, Esq., of Adams Centre, free tuition has been provided forever for some student, who shall be approved by the Faculty as especially worthy of assistance. An adequate endowment for several similar scholarhips has been pledged, and will shortly be available.

THE CITY SCHOLARSHIPS.

In recognition of the interest taken by the citizens of Rochester in the establishment of the University, twelve scholarships, which entitle their holders to free tuition, have been granted to the City of Rochester by the Board of Trustees. These scholarships, to the number of three in each class, are awarded as prizes for excellence in the studies of the Rochester City Schools, preparatory to college.

SENIOR PRIZE ESSAY.

A premium will be given to the member of each Senior Class who shall present the best essay upon a subject selected by the Faculty.

The subject for the present year is: THE LITERARY AND POLITICAL SIGNIFICANCE OF DE FOE'S WRITINGS.

THE DEWEY PRIZE DECLAMATIONS.

Premiums are given for the best exercises in Declamation, by members of the Sophomore Class—those students only being allowed to compete whose standing and deportment are especially approved by the Faculty. The funds for this purpose are derived from a bequest by the Rev. Dr. Beadle of Philadelphia, a pupil and friend of the late Dr. Dewey.

EXTRA STUDIES WITH PREMIUMS.

Students who are in regular attendance, and whose scholarship in all departments reaches a certain fixed standard, are permitted to pursue studies additional to the required curriculum, with a view to competition for premiums. The names of those who sustain a successful examination are honorably mentioned, in connection with the names of those who take premiums, in the annual catalogue of the University.

JUNIOR CLASS.

A premium will be given to the member of the Junior Class who shall pass the best examination upon some por-

tion of a Greek author, selected by the Faculty, which shall have been read in addition to the regular and required course of Greek studies.

The examination for the present year will be on THE MEDEA OF EURIPIDES AND THE PROMETHEUS OF AESCHYLUS.

SOPHOMORE CLASS.

A premium will be given to the member of the Sophomore Class who shall pass the best examination upon some portion of a Latin author, selected by the Faculty, which shall have been read in addition to the regular and required course of Latin studies.

The examination for the present year will be on THE REPUBLIC OF CICERO.

FRESHMAN CLASS.

A premium will be given to the member of the Freshman Class who shall pass the best examination in Mathematical studies, selected by the Faculty, in addition to the regular and required course of Mathematical studies.

The examination for the present year will be on DAVIES' BOURDON'S ALGEBRA.

EXTRA STUDIES WITHOUT PREMIUMS.

Students who are regular in attendance, and whose scholarship in all departments, is such that their attention can be diverted from their regular studies without detriment, are encouraged to pursue studies additional to the required curriculum, under the instruction of the Faculty, without competition for premiums. The successful prosecution of such studies—which will be tested by careful examinations—is distinguished by honorable reference in the annual catalogue of the University. The intention to study for Honorable Mention, and the course of study to be pursued, must be approved, in advance, by the Faculty.

AWARDS FOR THE YEAR 1871-1872.

The following students are honorably distinguished for work done during the last academic year :

SENIOR CLASS.

The First Davis Medal, for the best oration on Commencement Day, including composition and delivery, was awarded to JAMES M. HUDNUT, and the Second Davis Medal, to SOLOMON WILE.

Honorable Mention was made of EDWARD PHELON HART.

Committee of Award :

Prof. G. Anderson, D. D ,
Rev. N. M. Mann,
John N. Pomeroy, Esq.

The Prize for the best essay on Moliere's Place in Literature, was awarded to JAMES M. HUDNUT.

Committee of Award :

Pres James B. Angell.

JAMES M. HUDNUT and ISAIAH B. HUDNUT, are entitled to Honorable Mention for an examination on thirty pages of the *Phaedon* of Plato—read without reference to a prize.

JUNIOR CLASS.

For an examination on the Second and Third Books of *Aristotle's Ethics*, the First Premium was awarded to GEORGE D. OLDS, with Honorable Mention of EBEN W. HUNT.

Committee of Award:

E. H. Wilson, A. M.,
Dr. Kendrick.

Henry C. Vedder is entitled to Honorable Mention for an examination on the *Adelphi* of Terence, read without reference to a prize.

Benjamin B. Dayton is entitled to Honorable Mention for an examination on *Lysias against Agoratus*, read without reference to a prize.

SOPHOMORE CLASS.

For excellence in Declamation:

Ralph W. Whelan, First Premium,
Arthur Gaylord Slocum, Second Premium.

Honorable Mention was made of Albert Fearing Chadwick.

Committee of Award:

J. W. Stebbins, Esq.,
Rev. E. Nisbet, D. D.,
Hon. Isaac Hills.

For an examination on the third book of the *De Oratore* of Cicero:

Albert Fearing Chadwick, First Premium.

Albert Fearing Chadwick is entitled to Honorable Mention for an examination on the *Germania* and *Agricola* of Tacitus; the Introduction to Du Cange's Glossary; and the *De Oratoribus*, attributed to Tacitus—read without reference to a prize.

Frank Elmer Glen is entitled to Honorable Mention for an examination on *The Chersonesz*, *The Symmoriae*, *The Peace* and the second and third *Olynthiacs* of Demosthenes—read without reference to a prize.

Committee of Award:

F. B. Palmer, A. M.,
Prof. Gilmore.

FRESHMAN CLASS.

For an examination on Ray's Higher Algebra:

C. Richard Williams, First Premium.
Geo. R. Stearns, Second Premium.

Committee of Award:

George D. Hale, A. B.,
Prof. Robinson.

C. Richard Williams is entitled to Honorable Mention for an examination on the *Catiline* of Sallust; the *Aulularia* of Plautus; the *Andria* and the *Heautontimoroumenos* of Terence; and the Vision of Piers Plowman—read without reference to a prize.

GEORGE R. STEARNS and MARCUS HIRSHFIELD are entitled to Honorable Mention for an examination on the *Chersonese* of Demosthenes, and the *Agricola* of Tacitus—read without reference to a prize.

SPENCER H. FREEMAN and JOHN P. CAMPBELL are entitled to Honorable Mention for an examination on the *Memorabilia* of Xenophon, B. 1, chapters 1 and 4, B. 4, chapters 2 and 3—read without reference to a prize.

MORTON F. SCOFIELD is entitled to Honorable Mention for an examination on the *Chersonese* of Demosthenes—read without reference to a prize.

JOHN F. FORBES is entitled to Honorable Mention for an examination on the third *Olynthiac* of Demosthenes, and the *De Amicitia* of Cicero—read without reference to a prize.

LUTHER E. HOLT is entitled to Honorable Mention for an examination on the *Chersonese* of Demosthenes, and the twenty-second book of Homer's Iliad—read without reference to a prize.

FRANCIS R. WELLES is entitled to Honorable Mention for an examination on the *Memorabilia* of Xenophon, B. 1, chapters 1, 2 and 3, B. 4, chapter 3; the twenty-second book of Homer's Iliad; and the *Cyropædia* of Xenophon, B. 1—read without reference to a prize.

FREDERICK W. YOUNG is entitled to Honorable Mention for an examination on the *Memorabilia* of Xenophon, B. 1, chapters 1, 3 and 4, B. 4, chapters 2 and 3—read without reference to a prize.

VACATIONS.

1. Of ten days, including the Winter Holidays.
2. Of one week, from the end of the Second Term.
3. Of eleven weeks, immediately after Commencement.
4. The College Exercises are suspended on:

 The day of General Election for the State of New York.
 Thanksgiving Day.
 The Day of Prayer for Colleges.
 Washington's Birth-Day.
 The Anniversary of the Rochester Theological Seminary.
 Class-Day.

CALENDAR.

1872-73.

December 23, -	First Term ends.
January 3, - -	Second Term begins.
January 9, - -	Day of Prayer for Colleges.
March 26, - -	Second Term ends.
April 3, - -	Third Term begins.
June 6, - - -	CLASS-DAY.
June 29, - -	Sermon before the Christian Association.
June 30, (evening,) -	Sophomore Prize Declamations.
June 30, - -	Examinations for Admission.
July 1, (evening), -	Oration and Poem before the Alumni.
July 2, - -	COMMENCEMENT.
September 17, -	Examinations for Admission.
September 18, -	First Term begins.
December 23, - -	First Term ends.

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Burbank Professor of Intellectual and Moral Philosophy.

ASAHEL C. KENDRICK, D. D., LL. D.,
Munro Professor of the Greek Language and Literature.

ISAAC F. QUINBY, LL. D.,
Harris Professor of Mathematics and Natural Philosophy.

HENRY A. WARD, A. M., F. R. G. S.,
Professor of the Natural Sciences.

SAMUEL A. LATTIMORE, Ph. D., LL. D.,
Professor of Chemistry.

ALBERT H. MIXER, A. M.,
Professor of Modern Languages.

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Professor of Logic, Rhetoric and English Literature.

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Professor of Mathematics.

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Professor of the Latin Language and Literature.

OTIS H. ROBINSON, A. M.,
Librarian.

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Curator of the Cabinets.

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Financial Secretary.

ELIJAH WITHALL,
Janitor.

Undergraduates.

SENIORS.

NAMES.	RESIDENCES.	ROOMS.

Candidates for the Degree of A. B.

John Quincy Adams,	*Rochester*,	111 Tremont St.
George Altidore Atchinson,	*Flint, Mich.*,	Cor. Smith & Child St.
Homer Culver Bristol,	*Auburn*,	3 Meigs St.
Walter Buell,	*Rochester*,	314 Main St.
Albert Fearing Chadwick,	*Eddytown*,	31 University Av.
Rutger Dox,	*Wilson*,	69 Sibley Block.
Charles Edward Fairman,	*Havana*,	14 Matthew St.
Frank Elmer Glen—E,	*Rochester*,	31 University Av.
Edward Francis Grant,	*Irondequoit*,	Hayward Place.
Henry Harrison Hewitt,	*Barrington*,	7 Meigs St.
Samuel Prescott Moore,	*Rochester*,	63 S. Fitzhugh St.
Charles Henry Moscrip,	*Saratoga Springs*,	16 S. Chatham St.
Frederick Josiah Nott,	*Rochester*,	60 S. St. Paul St.
Edwin Gaylord Paine,	*Bath*,	73 Sibley Block.
Charles Barnsdall Parker,	*Cleveland, O.*,	5 Grove St.
Horace Greeley Pierce,	*Rochester*,	129 Caledonia Av.
Curtis Henry Rhodes,	*Cambria*,	44 Pearl St.
Arthur Gaylord Slocum,	*Freetown*,	64 Chestnut St.
Charles Ralsey Sumner,	*Rochester*,	14 S. Clinton St.
Wilson Faron Wakefield,	*Butternuts*,	69 Sibley Block.
Ralph Waldo Whelan—E,	*Lansing, Mich.*,	4 James St.
Archibald Charles Wilkins,	*Darlington, S. C.*,	81 Sibley Block.

Candidates for the Degree of B. S.

Levi Jesse Putnam Bishop,	*Cleveland, O.*,	35 Howell St.
Frederic George Goetzmann,	*Rochester*,	6 St. Joseph St.
George W. Haight,	*Cuba*,	224½ Main St.
William Hastings Nichols,	*Hammondsport*,	14 S. Clinton St.
Calvin Patterson,	*Brooklyn*,	Brooklyn.

Not Candidates for Degrees.

Samuel Henry Anderson,	*Fairfax, Vt.*,	46 Trevor Hall.
Jesse Whipple Buell,	*Rochester*,	314 Main St.
Henry Alfred Duboc,	*Rochester*,	185 Alexander St.
Gould Morehouse Lawrence,	*Palmyra*,	34 Park Av.

SENIORS, - - - 31.

JUNIORS.

NAMES.	RESIDENCES.	ROOMS.

Candidates for the Degree of A. B.

George Allen,	*Medina*,	40 William St.
Julius Anthony Bassett,	*Deer River*,	63 Chestnut St.
Frederick Carman—A,	*Shanghai, China*,	Waterloo, N. Y.
Melvin E. Crowell—A,	*Belfast*,	Belfast, N. Y.
Edward Clare Dodge,	*Lima*,	7 Franklin Square.
Fred. Budrow Dodge—A,	*Moscow*,	Boonsboro, Ia.
Jacob Sloat Fassett,	*Elmira*,	35 Howell St.
Spencer Hedden Freeman,	*Penfield*,	35 Howell St.
William Sketchley Gilbert, Jr.,	*Jersey City, N. J.*,	16 S. Chatham St.
Marcus Hirshfield,	*Buffalo*,	37 Howell St.
Luther Emmett Holt,	*Webster*,	28 Pearl St.
Nelson Curtice Holt,	*Webster*,	28 Pearl St.
Adelbert Frank Jenks,	*Kennedy*,	64 Chestnut St.
Harvey Blanchard Johnson—A,	*Lyndonville*,	Lyndonville, N. Y.
George Fitch McKibben,	*Lima, O.*,	16 Trevor Hall.
Jacob Weed Munro,	*Elbridge*,	40 William St.
Theron Outwater,	*Olcott*,	12 Harvard St.
Harvey James Owen,	*Penfield*,	44 N. Water St.
Garnett Pendleton,	*Upland, Penn.*,	16 S. Chatham St.
Frank Harold Rowley,	*Rochester*,	58 Monroe Av.
Morton Fayette Scofield—A,	*Minneapolis, Minn.*,	Minneapolis, Minn.
George Raynolds Stearns,	*Buffalo*,	37 Howell St.
William Soule Stickney,	*Washington, D. C.*,	26 Park Av.
Frank Dinwiddie Vreeland,	*Paterson, N. J.*,	12 Harvard St.
Francis Raymond Welles,	*Towanda, Pa.*,	11 Oregon St.
James William White,	*Sweden*,	15 James St.
Frederic William Young,	*Rochester*,	14 Caledonia Av.

Candidate for the Degree of B. S.

George Langdon Ordway,	*Washington, D. C.*,	32 Park Av.

Not Candidates for Degrees.

Dan Tuttle Chamberlain,	*Hastings, Minn.*,	94 Alexander St.
George Fetzer,	*Cleveland, O.*,	42 Trevor Hall.
James Banks Gilbert,	*Lebanon, Ill.*,	University Av.
Benjamin Hughes,	*Buffalo*,	7 Meigs St.
Hiram Day Hurlburt,	*Utica*,	8 Charlotte St.
Henry Lewis Janzen,	*Green Garden, Ill.*,	39 Trevor Hall.
William Papenhausen,	*Leavenworth, Kan.*,	200 Monroe Av.
Edwin Electus Van Auken,	*Rochester*,	91 Mt. Hope Av.

JUNIORS, - - - 36.

SOPHOMORES.

NAMES.	RESIDENCES.	ROOMS.

Candidates for the Degree of A. B.

Charles Wisner Adams,	*Brighton*,	Brighton.
Joseph Tilden Alling,	*Rochester*,	74 S. Fitzhugh St.
George Preston Barton,	*Rochester*,	16 Canal St.
Frank Julius Bellamy,	*Rome*,	27 Howell St.
Everett Alanson Brown—E,	*Rochester*,	246 Brown St.
Benjamin Reynolds Bulkley,	*Valatie*,	250 N. St. Paul St.
John Betts Calvert,	*Cortland*,	37 Court St.
Arthur Billings Chaffee,	*Saratoga Springs*,	17 Marshall St.
Morey Smith Collier,	*Thurston*,	87 Sibley Block.
George Washington Coon,	*Middleport*,	81 Sibley Block.
Augustus Dalrymple,	*Stockton, N. J.*,	45 Trevor Hall.
Frank Filmore Davis,	*Newark*,	27 Howell St.
William Kendrick Dean,	*Rochester*,	33 N. Fitzhugh St.
Charles Wilder Gorton,	*Rochester*,	41 Plymouth Av.
Arthur B. Griffen,	*Saratoga Springs*,	17 Marshall St.
Horace Holmes Hunt,	*East Clarence*,	75 Sibley Block.
Burton MacAfee,	*Athens, Pa.*,	11 Oregon St.
Frank Livingston Morse—A,	*Rochester*,	15 Arnold Park.
George Percy Morse,	*Rochester*,	27 Pearl St.
James Clinton Peet,	*West Webster*,	20 Park Av.
James Albert Raynsford,	*North Greece*,	71 Smith's Arcade.
Charles Wolbert Ridgway,	*Brooklyn*,	65 North St.
Benson Howard Roberts,	*North Chili*,	North Chili.
Fletcher Joshua Sherman,	*Newark*,	27 Howell St.
Elmer Jerome Smith—A,	*Scottsville*,	Scottsville.

Thomas Augustus Taylor,	*Loudonville, O.*,	15 James St.
Joseph Frank Thompson,	*Brooklyn*,	246 Brown St.
Fred. Augustus Vanderburgh,	*Vineland, N. J.*,	23 Meigs St.
Wm. Richardson Vosburgh,	*Lyons.*	227 Howell St.
Wm. Hall Wamsley,	*Rochester*,	48 Goodman St.
Nathan Weidenthal,	*Cleveland, O.*,	80 Court St.
William Chambers Wilbor—C,	*Rochester*,	10 Tremont St.
Fred Potter Wilcox,	*Rochester*,	222 Monroe St.
Frank Le Moin Wilkins,	*Clyde*,	37 Court St.

Candidates for the Degree of B. S.

Louis Amory Amsden,	*Rochester*,	7 Prince St.
Orlando Elmer Clark,	*Darien*,	28 Pearl St.
Joseph Wamsley,	*Rochester*,	61 Lake Av.

Not Candidates for Degrees.

Alexander Wilson Guild,	*Buffalo*,	6 Charlotte St.
Robert McLean,	*Rochester*,	18 Ambrose St.
Horatio Nelson Peck,	*Rochester*,	252 N. St. Paul St.

SOPHOMORES, - - - 40.

FRESHMEN.

NAMES.	RESIDENCES.	ROOMS.

Candidates for the Degree of A. B.

Eugene Clarence Akin,	*Auburn*,	15 Asylum St.
Duane Prescott Andrus,	*Constableville*,	63 Chestnut St.
Edward Boynton Angell,	*Waverly*,	29 South St.
Henric Sargent Bagley,	*North Greece*,	15 Gardiner Park.
Charles White Bishop—A,	*Cleveland, O.*,	35 Howell St.
John Selden Brandt,	*Ontario*,	14 Matthew St.
John Edwards Bristol,	*Auburn*,	3 Meigs St.
William G. Brownell,	*Caledonia.*	77 Monroe Av.
Frederick Campbell,	*Rochester*,	6 Atkinson St.
Jeremiah Coombs,	*Goshen, N. J.*,	7 Meigs St.
Henry Adelbert Cronise,	*Lyons*,	7 Meigs St.
Charles Erastus Darrow,	*Rochester*,	46 Franklin St.
Fred. Maine Dean,	*Rochester*,	33 N. Fitzhugh St.
William Leslie Dickinson,	*West Webster*,	91 Sibley Block.
George Henry Donahue,	*Brooklyn*,	25 Park Av.
Patrick Dorsey, Jr.,	*Penn Yan*,	224½ E. Main St.
Curtis Noble Douglass,	*Brooklyn*,	77 Monroe Av.
John Benjamin Dudley,	*Bath*,	87 Sibley Block.
Arthur Edson Fancher,	*Binghamton*,	29 South St.
Frank Edward Fulton,	*Brooklyn*,	25 Park Av.
Fred. Taylor Gates—A,	*Highland, Kan.*,	Highland, Kan.
Arthur Alfred Gillette,	*Rome*,	77 Monroe Av.
Clayton Eaton Gregory—C,	*Garretsville*,	224½ East Main St.
Oliver Gay Grosvenor,	*Rochester*,	8 Clinton Place.
Luther M. Hair,	*Dundee*,	211 Monroe Av.
Henry Harrison,	*Brockport*,	77 Monroe Av.

William Wilson Jacobs,	*Weedsport*,	147 Tremont St.
William Brewster Lee,	*Rochester*,	31 Tremont St.
Edmund Lyon,	*Brighton*,	Brighton.
Edward Washington Maurer,	*Rochester*,	78 E. Main St.
Edwin McKnight,	*Middleport*,	17 Jones Av.
Henry Clay Milliman,	*Spencerport*,	15 Gardiner Park
Sands Fish Moore,	*Lapeer, Mich.*,	21 William St.
Richard Moore,	*Rochester*,	63 S. Fitzhugh St.
Byron Jesse Moss,	*Mount Morris*,	50 East Av.
Herman Kent Phinney,	*Rochester*,	4 Brighton Av.
Arthur Ward Raymond,	*Brighton*,	East Av.
John Snow Rockwell,	*Pike*,	144 E. Main St.
Thomas Trelease Rowe,	*Cornwall, Eng.*,	36 Prospect St.
Charles Wilson Sherman,	*Newark*,	27 Howell St.
Alfred Shepard Smith,	*Auburn, Mass.*,	144 E. Main St.
Walter Locke Smith,	*Elmira*,	35 Howell St.
Wilton Merle Smith,	*Elmira*,	35 Howell St.
John James Snell,	*Rochester*,	4 Lowell St.
James Duane Squires,	*Cortland*,	37 Court St.
Charles Conkey Townsend,	*Potsdam*,	17 Matthew St.

Candidates for the Degree of B. S.

George Cooper Hollister,	*Rochester*,	63 Plymouth Av.
Howard Norton Pomeroy,	*Rochester*,	140 Monroe Av.
William Brandon Wier,	*Leavenworth, Kan.*,	6 Charlotte St.

Not Candidates for a Degree.

Albert Warren Dyke,	*North Stockholm*,	17 Matthew St.
Henry Lyon Force,	*Port Byron*,	14 Matthew St.
Joseph Ward Taylor,	*Gowanda*,	19 West Av.
George Walter Turrill,	*West Webster*,	89 Sibley Block.

FRESHMEN, - - - 53.

STUDENTS IN ANALYTICAL CHEMISTRY.

NAMES.	RESIDENCES.
Henry Aman,	Rochester.
Oscar Aman,	Rochester.
Charles Patrick Barry,	Rochester.
Levi Jesse Putnam Bishop,	Cleveland, O.
Louis M. Brockaway,	Avon.
Jesse Whipple Buell,	Rochester.
Walter Buell,	Rochester.
Charles Marvin Everest,	Rochester.
Frederick Samuel Fish,	Newark, N. J.
Charles Edward Fairman,	Havana.
Charles Lincoln Gibbs,	Titusville, Pa.
Frederic George Goetzman,	Rochester.
George W. Haight,	Cuba.
Ebenezer Warren Hunt,	East Clarence.
George Fisher Linfield,	Randolph, Mass.
John P. Munn,	Rochester.
William Hastings Nichols,	Hammondsport.
Asahel Wellington Norton,	Elmira.
Frederick Josiah Nott,	Rochester.
Charles Ralsey Sumner,	Rochester.
James Eaton Wallace,	Rochester.
Francis Xavier Weigel,	Rochester.

STUDENTS IN ANALYTICAL CHEMISTRY, - - 22.

SUMMARY.

Seniors,	31
Juniors,	36
Sophomores,	40
Freshmen,	53
Special Students in Analytical Chemistry,	13
Total,	173

*** Students who are temporarily absent are marked A; students who have entrance conditions to make up, C; students who have term examinations to make up, E.

Organization.

THREE courses of study are open to members of the University:

I. THE CLASSICAL COURSE, extending through four years; at the expiration of which time, those who have satisfactorily met the requirements of the Faculty are admitted to the degree of Bachelor of Arts.

II. THE SCIENTIFIC COURSE, extending through four years, and embracing no Greek, and only so much Latin as is essential to the successful prosecution of the Modern Languages and the mastery of scientific terminology. In the place of Greek and Latin, a more extended course of study is prescribed in Physical Science, Mathematics, History, and the Modern Languages. Those who satisfactorily complete this course, are admitted to the degree of Bachelor of Science.

III. THE ECLECTIC COURSE, designed for students who may desire to attend the recitations of particular departments, without becoming candidates for degrees. Such students are admitted, provided they have the requisite preparation for the studies of those departments, and become subject to the laws of the University. This arrangement is designed to meet the wants of those whose age, or circumstances, may prevent them from pursuing either of the regular courses, but who are desirous of obtaining the liberal culture which the studies of a portion of the course will give them. Special care is taken to give such persons the instruction which they require.

REQUIREMENTS FOR ADMISSION.

Candidates for admission to the University are expected to furnish satisfactory testimonials respecting character; and, if from other colleges, certificates of regular dismission.

No person will be admitted to the Freshman Class who has not completed his fourteenth year, or to an advanced standing without a corresponding advance in age.

The Monday and Tuesday before Commencement, and the Wednesday before the opening of the following term, are the regular times for examining candidates. Examinations may take place at other times at the discretion of the Faculty.

FOR THE CLASSICAL COURSE.

Swinton's Progressive English Grammar; Guyot's Common School Geography; Swinton's Condensed History of the United States; Robinson's Arithmetic; Robinson's University Algebra —to Quadratic Equations; Robinson's Geometry—three books; Harkness's, or Allen and Greenough's, Latin Grammar; Four books of Cæsar's Commentaries; Four Orations of Cicero—of which one shall be that for the Poet Archias, and one, that for the Manilian Law; Six books of Virgil's Æneid; and 39 sections in Arnold's Latin Prose Composition; Hadley's, or Crosby's, Greek Grammar; Three books of Xenophon's Anabasis, and one book of Homer's Iliad.

FOR THE SCIENTIFIC COURSE.

The same as for the Classical Course, with the exception of the requirements in Greek.

FOR THE ECLECTIC COURSE.

Sufficient preparation to profit by the instruction given to any existing class.

A fair equivalent for the above requirements will, of course, be accepted, but candidates for admission are advised to conform, literally, to the requirements of the catalogue. Upon their examination for entrance, and in their subsequent instruction, it will be taken for granted that they have done so.

Persons who wish to pursue studies in this city or vicinity, preparatory to admission to the University, will find ample facilities for doing so, under the advice and direction of the Faculty.

Any student who may be admitted to the University under conditions; as also any student who, after admission, may have shown himself deficient in any department of study, will be required to make up his deficiencies under a private tutor, who shall be selected by the Faculty. All existing deficiencies of this nature will be noted in the catalogue.

Courses of Instruction.

CLASSICAL COURSE.

FRESHMAN CLASS.

FIRST TERM.

- Livy—*Lincoln.*
- Latin Prose Composition—*Arnold.*
- The Memorabilia of Xenophon.
- Greek Ollendorf—*Kendrick.*
- Algebra—*Robinson.*
- Phonetic Analysis and Phonography—*Pitman.*

SECOND TERM.

- Livy.
- Latin Prose Composition—completed.
- Selections from the Greek Historians.
- Greek Ollendorf—completed.
- Algebra—completed. Geometry—*Robinson.*
- Vocal Culture—*Monroe's Vocal Gymnastics.*

THIRD TERM.

- The Iliad of Homer.
- Geometry and Trigonometry.
- Lectures on English Composition.
- Lectures on Elocution—Class Room Declamations.

SOPHOMORE CLASS.

FIRST TERM.

- Surveying, Navigation and Analytical Geometry.
- Horace—*Lincoln.*
- Lectures on Roman History.
- French—*Fasquelle.*
- Lectures on the English Language and Literature.
- Mediæval History.

SECOND TERM.

- Differential and Integral Calculus—*Loomis.*
- Select Orations of Demosthenes.
- German—*Woodbury.*
- Readings and Dissertations in English Literature—*Chaucer—Clarendon Press Edition.*
- Mediæval History.

THIRD TERM.

- Tacitus.
- Lectures on Roman Literature.
- French.
- German.
- Readings and Dissertations in English Literature—*Dryden—Clarendon Press Edition.*
- Modern History.

JUNIOR CLASS.

FIRST TERM.

- Logic—*Lectures and Thomson.*
- Select Greek Tragedies.
- Physics—*Snell's Olmsted, Whewell.*
- Lectures on Chemical Physics.

SECOND TERM.

- Rhetoric—*Lectures, Whately and Herbert Spencer.*
- Physics—Continued.
- Chemistry—*Roscoe and Lectures.*
- Lectures on Chemical Physics.

THIRD TERM.

- Cicero De Natura Deorum.
- Lectures on Roman Philosophy.
- Longinus on the Sublime, or Analytical Chemistry.
- Lectures on Greek Literature.
- Astronomy—*Norton.*
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.

- Intellectual Philosophy—*Lectures.*
- Readings and Prelections in Plato and Aristotle, or Analytical Chemistry, or Civil Engineering.
- Lectures on Greek Philosophy.
- Zoölogy and Physiology—*Dalton and Lectures.*
- Lectures on the History of Art.

SECOND TERM.

- Intellectual and Moral Philosophy.
- History of Civilization in Europe—*Lectures.*
- Readings and Prelections in the Institutes of Justinian, or Civil Engineering.
- Lectures on Roman Jurisprudence.
- Lectures on the History of Philosophy.

THIRD TERM.

- Constitutional Law and Political Economy—*Lectures and Blanqui.*
- Studies in Early and Recent English, or Whitney on Language.
- Geology—*Lectures.*
- Lectures on Physical Geography.

SCIENTIFIC COURSE.

Students in this Course recite, so far as their studies coincide, with those in the Classical Department, using the same text-books.

FRESHMAN CLASS.

FIRST TERM.	ALGEBRA. LATIN. ANCIENT HISTORY—*Smith's Greece.* Phonetic Analysis and Phonography.
SECOND TERM.	ALGEBRA—Completed. GEOMETRY. LATIN. GREEK CLASSICS FOR ENGLISH READERS—*The Historians and Orators.* Vocal Culture.
THIRD TERM.	ENGLISH COMPOSITION. GREEK CLASSICS FOR ENGLISH READERS—*The Poets and Dramatists.* GEOMETRY AND TRIGONOMETRY. Elocution.

SOPHOMORE CLASS.

FIRST TERM.	SURVEYING, NAVIGATION and ANALYTICAL GEOMETRY. FRENCH. LATIN. English Language and Literature. Mediæval History.
SECOND TERM.	CALCULUS. GERMAN. MEDIÆVAL HISTORY—*Smith's Gibbon.* English Language and Literature.
THIRD TERM.	FRENCH. GERMAN. LATIN. English Language and Literature. Mediæval History.

JUNIOR CLASS.

FIRST TERM.
- Logic.
- English Literature—*Shaw.*
- Physics.
- Lectures on Chemical Physics.

SECOND TERM.
- Rhetoric.
- Physics.
- Chemistry.
- Lectures on Chemical Physics.

THIRD TERM.
- Analytical Chemistry.
- Astronomy.
- Latin.
- Lectures on French and German Literature.

SENIOR CLASS.

FIRST TERM.
- Intellectual Philosophy.
- Zoölogy and Physiology.
- Civil Engineering, or Analytical Chemistry.
- Lectures on the History of Art.

SECOND TERM.
- Intellectual and Moral Philosophy.
- Latin, or Advanced German, or Civil Engineering.
- History of Civilization.
- Lectures on the History of Philosophy.

THIRD TERM.
- Studies in Early and Recent English, or Whitney on Language.
- Geology.
- Constitutional Law and Political Economy.
- Lectures on Physical Geography.

CONSPECTUS OF COLLEGE EXERCISES.

FIRST TERM.

CLASS.	HOUR.	INSTRUCTOR.	SUBJECT.	REMARKS.
Seniors . . .	9.15–10.15 10.15–11.15 10.15–11.15 11.15–12.15	Pres. ANDERSON..... Prof. KENDRICK..... Prof. LATTIMORE..... Prof. LATTIMORE.....	Mental Philosophy. Greek (*Plato*). Analytical Chemistry. Zoölogy and Physiology.	On Saturday, 9.15–10.15, the Seniors receive Lectures from President ANDERSON on the History of Art.
Juniors . . .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. ROBINSON..... Prof. GILMORE..... Prof. KENDRICK.....	Physics. Logic. Greek (*Sophocles*).	On Saturday, 9.15–10.15, the Juniors receive Lectures from Prof. LATTIMORE on Chemical Physics.
Sophomores .	9.15–10.15 10.15–11.15 11.15 12.15	Prof. MOREY..... Prof. MIXER Prof. QUINBY.....	Latin (*Horace*). French. Surveying and Analytical Geometry.	On Monday, 11.15–12.15, the Sophomores receive Lectures from Prof. GILMORE on the English Language; On Saturday, 9.15–10.15, from Prof. ROBINSON on Mediæval History.
Freshmen . .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. MIXER Prof. ROBINSON Prof. MOREY.....	Greek (*Xenophon*). Algebra. Latin (*Livy*).	On Saturday, 9.15–10.15, the Freshmen receive Lectures from Prof. GILMORE on Phonetic Analysis and Phonography.

SECOND TERM.

CLASS.	HOUR.	INSTRUCTOR.	SUBJECT.	REMARKS.
Seniors . . .	9.15–10.15 10.15–11.15 10.15–11.15 11.15–12.15	Pres. ANDERSON..... Prof. MOREY..... Prof. LATTIMORE..... Pres. ANDERSON.....	Moral Philosophy. Roman Law (*Justinian*). Analytical Chemistry. History.	On Saturday, 9.15–10.15, the Seniors receive Lectures from Pres. ANDERSON on the History of Philosophy.
Juniors . . .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. ROBINSON..... Prof. GILMORE..... Prof. LATTIMORE.....	Physics. Rhetoric. Chemistry.	On Saturday, 9.15–10.15, the Juniors receive Lectures from Prof. LATTIMORE on Chemical Physics.
Sophomores .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. KENDRICK..... Prof. MIXER Prof. QUINBY.....	Greek (*Demosthenes*). German. Calculus.	On Monday, 9.15–10.15, the Sophomores meet Prof. GILMORE in English Literature; On Saturday, 9.15–10.15, Prof. ROBINSON in Mediæval History.
Freshmen . .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. MIXER Prof. ROBINSON..... Prof. MOREY.....	Greek (*Historians*). Algebra and Geometry. Latin (*Livy*).	On Saturday, 9.15–10.15, the Freshmen receive Lectures from Prof. GILMORE on Elocution.

THIRD TERM.

CLASS.	HOUR.	INSTRUCTOR.	SUBJECT.	REMARKS.
Seniors . . .	9.15–10.15 10.15–11.15 10.15–11.15 11.15–12.15	Prof. LATTIMORE..... Prof. GILMORE..... Prof. LATTIMORE..... Pres. ANDERSON.....	Geology. Early English. Analytical Chemistry. Political Economy and Constitutional Law.	On Saturday, 9.15–10.15, the Seniors receive Lectures from Prof. LATTIMORE on Physical Geography.
Juniors . . .	9.15–10.15 10.15–11.15 10.15–12.15 11.15–12.15	Prof. ROBINSON Prof. MOREY..... Prof. LATTIMORE..... Prof. KENDRICK.....	Astronomy. Cicero's Philosophical Works. Analytical Chemistry. Greek (*Longinus*).	On Saturday, 9.15–10.15, the Juniors receive Lectures from Prof. MIXER on French and German Literature.
Sophomores .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. MIXER..... Prof. MIXER..... Prof. MOREY.....	French. German. Latin (*Tacitus*).	On Saturday, 9.15–10.15, the Sophomores receive Lectures from Prof. ROBINSON on Mediæval History.
Freshmen . .	9.15–10.15 10.15–11.15 11.15–12.15	Prof. GILMORE..... Prof. KENDRICK..... Prof. QUINBY.....	English Composition. Greek (*Homer*). Geometry and Trigonometry.	On Saturday, 9.15–10.15, the Freshmen meet Prof. GILMORE for Declamations.

Books of Reference.

The following Works are recommended for reference :

Webster's Dictionary—*the latest edition, unabridged.*
Soule and Wheeler's Manual of Pronunciation and Spelling.
Vernon's Anglo-Saxon Guide.
Chambers' Cyclopædia of English Literature.
Marsh's Origin and History of the English Language.
Abbott's Shakspearian Grammar.
Liddell and Scott's Greek Lexicon.
Yonge's Greek-English Lexicon.
Madvig's, or Zumpt's, Latin Grammar.
Andrews' Latin Lexicon.
Long's Classical Atlas.
Smith's Greek and Roman Antiquities.
Thieme's German Dictionary.
Spiers and Surenne's French Dictionary.
Smith's History of Greece.
Liddell's History of Rome.
Hallam's Middle Ages.
Guizot's History of Civilization.
Cooke's Chemical Physics.
Miller's Chemistry.
Dana's Mineralogy.
Agassiz and Gould's Zoölogy.
Dalton's and Flint's Physiologies.
Dana's Manual of Geology.
Gray's Structural Botany and Manual.
Fleming's Vocabulary of Philosophy.
Murray's Hamilton.
Bledsoe's Philosophy of Mathematics.

General View of the Curriculum.

One who desires to understand the work which the University attempts to perform, may be referred to the tabular statements, already given, of the courses of study which are prescribed for students. It seems appropriate, however, that special attention be called to some features in the several departments of instruction.

THE DEPARTMENT OF METAPHYSICS.

Intellectual and Moral Philosophy are taught mainly by lectures. Propositions embodying an outline of these subjects, with a condensed discussion of each, are dictated to the class. Copious illustrations of the topics are then given, with full opportunities for questions and discussion on the part of the class, until the doctrine set forth is completely understood. The design of the course is to fix convictions in the student's mind regarding the reality, certainty and limits of human knowledge, and show that man has a moral and intellectual constitution, existing in the germ, before the processes of thought and action begin.

In furtherance of these objects, recourse is constantly had to the history of thought on the topics discussed, with a view to set forth the gradual progress, through the ages, toward definite and scientific conceptions of man's nature. Care is taken to put over against each truth taught, its antagonistic error; and, also, to select illustrations of these subjects from common life, so that

the student, in acquiring a knowledge of the mental and moral constitution of *man*, shall be, at the same time, gaining that practical knowledge of *men* which shall conduce to his success in the business, or profession, to which he looks forward.

THE CLASSICAL DEPARTMENT

Aims, by the careful reading of the Greek and Latin classics, and by assiduous practice in writing Greek and Latin prose, to give the student such familiarity with the classical tongues, as shall unlock to him the treasure-house of ancient thought and feeling; and, at the same time, fit him to acquire a more complete mastery of those modern languages which are so largely derived from a classical source. The Classics are studied not in a spirit of blind veneration for antiquity; but as illustrating the universal laws of language, as presenting the most perfect specimens of merely literary composition, and as laying open the sources from which have been derived invaluable elements in modern civilization. Special attention is given, on the one hand, to the historic development and the most important speculative results of Greek Philosophy; and, on the other, to the growth, the general principles, and the permanent influence of Roman Jurisprudence. The classics are further utilized by making them supplement other courses of study—Longinus, Plato and Cicero being read in connection with instruction in Rhetoric and Mental and Moral Philosophy.

THE DEPARTMENT OF HISTORY.

Although the Faculty of Instruction embraces no officer who is distinctively charged with the care of this department, an ample course of historical studies is provided for the student. Instruction is given in Greek and Roman History in connection

with the Classical Department. Mediæval History is taught in weekly lectures which cover three entire terms. The study of the English Language and Literature is necessarily approached from an ethnologic and historic point of view. In the Senior year an entire term is devoted to the study of History —lectures being given on Physical Geography, Ethnology, and on a series of fundamental topics which include an outline survey of the forces, moral and physical, that have resulted in modern civilization, and in the formation of the state system of Europe and America. Another term is divided between Political Economy and the Constitutional Law of England and the United States.

THE DEPARTMENT OF RHETORIC

Is regarded as an organic whole whose reciprocally dependent parts are:

1. The Laws of Thought, or *Logic.*

2. The Laws of Expression, or, in the abstract, *Rhetoric*, in the concrete, *Literature*—both, of course, presupposing, for the English student, a minute and thorough acquaintance with the *English Language.*

3. The Laws of Utterance, or *Elocution.*

In accordance with this conspectus, the student is taught from the outset of his college course, to analyze his mental processes and adapt his words to his thoughts, his tones and gestures to his words. Particular attention is paid to the study of the English Language in its origin and development, and in its use by such writers as Chaucer, Shakspeare, Bacon and Milton—whose works are studied with the same care as those of Horace, Sophocles, Plato and Homer.

In connection with this department, orations are pronounced before the University, by students in the third term of the

Junior, and the first and second terms of the Senior year—each student being required to prepare and deliver at least one oration in each term.

During the Freshman year, there is a regular weekly exercise in Phonetic Analysis, Phonography and Elocution. Members of the Junior and Sophomore classes are required to present original essays or oral dissertations twice, at least, in each term. These essays are freely used for class-room illustration of Rhetorical excellences and defects.

THE DEPARTMENT OF MODERN LANGUAGES

Embraces a course of at least two terms in French and two in German for every student who is a candidate for a degree.

While the philological study of these languages is held constantly in mind, such colloquial drill is given as may prepare the student for using them in the business of life.

THE DEPARTMENT OF MATHEMATICS.

During the first two years of the College Course, the classes have a continuous drill in Pure Mathematics, beginning with the generalizations of Higher Algebra, and closing with the Calculus. Then follow Mathematics as applied to Natural Philosophy and Astronomy. While the disciplinary exercises of the student are necessarily abstract, it is the design of the officers in charge of this department to show, by lectures and illustrations, that the formulas of Mathematics are the keys of natural phenomena, and that they underlie the practical arts of life. It is further believed that Mathematics, like Politics, are best learned in their historical development. The discovery and history of formulas are, therefore, made the frequent theme of class-room conversations.

THE DEPARTMENT OF NATURAL SCIENCE.

In the Department of Natural Science, instruction is given by Lectures. Zoölogy and Physiology are studied by the Senior Class during the first term. An outline of the general principles of Zoölogy, embracing the characteristics and methods of classification of the animal kingdom, is followed by a more special study of Human Physiology and Anatomy, with constant reference to the structure and functions of the inferior animals, seeking thus, by making it a study of comparisons and analogies, to develope the existence of a comprehensive plan in organic nature. Constant attention is given, in this department, to the principles of Hygiene.

During the first term, a course of lectures is given to the Junior Class on Chemical Physics, followed, during the second term, by a course of daily lectures on General Chemistry. The properties of the elementary bodies, and their more important combinations, are fully illustrated by experiments in the lecture room. Special attention is given to the economic and industrial applications of Chemical science. Frequent opportunities are afforded for visiting the various manufacturing establishments of the city, in which Chemical processes are practically applied.

During the third term, a course of daily lectures is given to the Senior Class on Geology, illustrated by Guyot's wall-maps and the extensive Lithological, Mineralogical and Palæontological Collections of the Cabinet, representing all the explored portions of the earth's crust.

ANALYTICAL LABORATORY.

To supplement the instruction given to undergraduates in General Chemistry, a Laboratory has been provided and

furnished with the requisite apparatus, for the use of those who may wish to pursue a more extended course of theoretical and practical Chemistry, by conducting their own experiments and investigations, under the direction of the Professor.

Special students will be admitted to the Laboratory for instruction in the theory and practice of Chemical Analysis, qualitative and quantitative, the application of Chemistry to Agriculture, Pharmacy, the Mechanic Arts, etc. For further particulars respecting this department, application may be made to the Professor of Chemistry.

MORAL AND RELIGIOUS CULTURE.

It is the aim of the Faculty, in connection with the discipline of the intellect, to inculcate a pure morality, and the great truths and duties of Christianity. The public duties of each day are opened at 9 o'clock A. M., with reading of the Scriptures and prayer, in the University Chapel. The students are required to attend, unless specially excused by the Faculty.

In the Greek Department there is a weekly recitation in the Greek New Testament.

Weekly prayer meetings are held under the auspices of the Young Men's Christian Association, in a room, centrally situated, which the Trustees have provided for that purpose; and, by each class, at the close of the Saturday morning recitation.

Parents and guardians are requested to designate places of worship, at which their sons, or wards, are expected regularly to attend on the Sabbath.

The Cabinets and Library.

GEOLOGY AND MINERALOGY.

These Cabinets, containing over 40,000 carefully selected specimens, are an encyclopædia of the sciences which they illustrate. They were collected by Professor Ward, during six years of extensive foreign travel, and during many careful visits to a large number of the most fruitful American localities. Having been compiled, from the first, upon a plan which contemplates the most complete illustration of every point in these two departments of inorganic nature, it is believed that they offer opportunities to students of these sciences, unsurpassed in the country.

The Cabinet of Geology commences with a collection of over 3,000 rocks, arranged in orders and families, in explanation of the science of Lithology. Every rock species, as recognized by the latest authors, is contained in this series; and all points of interest in technical or economic Geology are amply illustrated.

Another series of rocks presents those which are, to some extent, characteristic of the several Geological formations. Other series are Geographical in their character, and show the student the mineral composition of some typical Geological region.

The Lithological section of the Cabinet also contains a valuable series of rocks, collected by Prof. James Orton, illustrative of the Geology of the Andes.

The collections of Fossils are from the standard localities in Europe and America, and represent the animal and vegetable

life which covered the surface of our planet during each of the great Geologic periods.

A prominent feature of the Cabinet is, that it contains plaster copies, perfect in form and dimensions, of all the well-known genera of fossil quadrupeds.

A section of the Geological Cabinet embraces a series of models, maps, sections, ideal landscapes, and cuts of fossils, intended to illustrate the lectures which are given upon these subjects.

The Cabinet of Minerals is equally rich and comprehensive. It begins with several extensive series of specimens intended to illustrate the subjects of Crystallography, and the physical properties of minerals, and contains about 5,000 choice specimens, representing four-fifths of all the species known.

CABINET OF ARCHÆOLOGY.

The foundation has been laid for an Archæological Cabinet, by the purchase of a small, but well-authenticated collection of flint and bronze implements from the drift region of Abbéville and St. Acheul, in France. To this cabinet some specimens of the stone implements of the American Indians have been added; and it has also been enriched by a very choice collection of stone implements from the vicinity of Copenhagen—the genuineness of which is attested by the most eminent Danish archæologists. Contributions to this cabinet are respectfully requested.

LIBRARY.

The Library of the University is open daily, from 8 to 9 A. M., and on Saturday, from 10:15 to 12 A. M., for consultation and for the drawing of books. All the students have free access to the Library, and are aided in consulting it by the Librarian and

other members of the Faculty. Especial pains is taken by card-catalogues and indexes of periodical and miscellaneous literature, (all of which are brought down to date, and open to every student,) to make the contents of the Library practically available.

THE RATHBONE LIBRARY FUND,

The gift of Gen. John F. Rathbone, of Albany, amounts to twenty-five thousand dollars, the interest on which is appropriated to the increase of the Library. In the purchase of books, the preference is given to those works which are demanded by the officers and students for the successful prosecution of their inquiries in the various departments of study.

RECITATIONS AND EXAMINATIONS.

The recitations are held from 9:15 A. M. to 12:15, each class having three daily exercises of one hour. The number, or length, of these exercises may be increased at the discretion of the Faculty. On Saturday, the classes attend in the lecture-room but one hour; and that, rather for instruction than for recitation.

Examinations are conducted by a combination of written and oral exercises; and in the presence of a Committee of the Faculty. Students pursuing an Eclectic Course are required to pass the examinations of the departments with which they connect themselves. No student is admitted to examination whose absences, during the term, exceed a certain per-centage.

Examinations are held, on each study, at the close of the term during which it has been pursued. Examinations for delinquent students are held on the third Saturday after the beginning, and the third Saturday before the end, of each term.

PUBLIC EXERCISES.

1. Prize Declamations by the Sophomore Class, on the Monday evening preceding Commencement.

2. Commencement, on the Wednesday preceding the Fourth of July.

EXPENSES.

The University has no dormitories, being conformed, in this respect, to the German, rather than the English model. Parents who send their sons to the University are recommended to secure for them, during their College course, the influence of a Christian home, so far as this is practicable. Rooms which afford ample accommodations for two students, can, however, be secured, in buildings designed especially for this purpose, for $1.00 per week. Boarding can be obtained in private families for from $3.50 to $5.00 per week. The Janitor of the University will furnish its patrons with all necessary information respecting rooms and boarding.

Tuition, per term, including incidentals, $25.00.

The rules established by the Trustees, with reference to the payment of tuition, *require the settlement of all bills at the beginning of each term;* that students in the Eclectic Course pay full tuition; and that orders for tuition on scholarships be presented as soon as received. No deduction is made for absence.

A large number of students find profitable employment in the city, in teaching private pupils and classes, and in various other occupations; thus enabling them to provide in considerable part, for the expenses of their education. Students who have practical

acquaintance with any of the useful arts, are able to procure constant and remunerative employment in the city.

Indigent students for the ministry, regularly approved by churches, receive assistance from the New York Baptist Union for Ministerial Education, and, under certain conditions, free tuition from the University, which has set apart 40 scholarships for this purpose.

Other indigent students, of good character, are occasionally assisted from funds at the disposal of the President.

Parents and guardians are earnestly requested to exercise a careful supervision over their sons, or wards, and to discriminate between necessary and unnecessary expenses. Experience proves that nothing has a more unfavorable influence upon a student's conduct and habits of study, than the unrestrained use of money.

PREMIUMS, EXTRA STUDIES, ETC.

THE DAVIS PRIZE MEDALS.

The sum of $1,000 has been given to the funds of the University by the Hon. Isaac Davis, LL. D., of Worcester, Mass., the annual income of which is, by the direction of the donor, to be expended in purchasing two gold medals of unequal value, to be given to the two members of the graduating class whose orations, on Commencement Day, shall exhibit, respectively, the first and second grades of excellence in thought, composition and delivery combined.

THE STODDARD PRIZE MEDAL.

Professor John F. Stoddard—himself a distinguished Mathematical teacher and author—has given to the University the endowment for a gold medal of the value of one hundred dollars, which is to be awarded to the student in each graduating class, (having been three years a member of the University, and having maintained a good standing in all the studies of the curriculum) who shall have passed the best examination on the Mathematical studies of the entire course, and also on some special topic to be assigned by the Faculty; provided that such examination shall have attained to a certain absolute value.

The special topic on which the members of the present Senior Class will be examined, is: The Mathematical and the Experimental Considerations in Favor of the Undulatory Theory of Light.

THE DAVIS SCHOLARSHIP.

A scholarship, yielding $70 a year, for the benefit of some indigent student, has been founded by the Hon. Isaac Davis, LL. D. The income of this scholarship is now available under certain conditions, affecting character and standing, prescribed by the founder.

THE SHELDON SCHOLARSHIP.

By the liberality of Abraham Sheldon, Esq., of Adams Centre, free tuition has been provided forever for some student, who shall be approved by the Faculty as especially worthy of assistance. An adequate endowment for several similar scholarships has been pledged, and will shortly be available.

THE CITY SCHOLARSHIPS.

In recognition of the interest taken by the citizens of Rochester in the establishment of the University, twelve scholarships,

which entitle their holders to free tuition, have been granted to the City of Rochester by the Board of Trustees. These scholarships, to the number of three in each class, are awarded as prizes for excellence in the studies of the Rochester City Schools, preparatory to college.

SENIOR PRIZE ESSAY.

A premium will be given to the member of each Senior Class who shall present the best essay upon a subject selected by the Faculty.

The subject for the present year is: SHAKSPEARE'S INDEBTEDNESS TO THE BIBLE.

THE DEWEY PRIZE DECLAMATIONS.

Premiums are given for the best exercises in Declamation, by members of the Sophomore Class—those students only being allowed to compete whose standing and deportment are especially approved by the Faculty. The funds for this purpose are derived from a bequest by the Rev. Dr. Beadle, of Philadelphia, a pupil and friend of the late Dr. Dewey.

EXTRA STUDIES WITH PREMIUMS.

Students whose absences do not exceed a certain per-centage, and whose scholarship in all departments reaches a certain fixed standard, are permitted to pursue studies additional to the required curriculum, with a view to competition for premiums.

JUNIOR CLASS.

A premium will be given to the member of the Junior Class who shall pass the best examination upon some portion of a Greek author, selected by the Faculty, which shall have been read in addition to the regular and required course of Greek studies.

The examination for the present year will be on The First, Seventh, Eleventh, Thirteenth and Fifteenth of the Idylls of Theocritus.

SOPHOMORE CLASS.

A premium will be given to the member of the Sophomore Class who shall pass the best examination upon some portion of a Latin author, selected by the Faculty, which shall have been read in addition to the regular and required course of Latin studies.

The examination for the present year will be on The Captives of Plautus.

FRESHMAN CLASS.

A premium will be given to the member of the Freshman Class who shall pass the best examination in Mathematical studies, selected by the Faculty, in addition to the regular and required course of Mathematical studies.

The examination for the present year will be on Olney's University Algebra—Part Third.

EXTRA STUDIES WITHOUT PREMIUMS.

Students whose absences do not exceed a certain per-centage, and whose scholarship in all departments is such, that their attention can be diverted from their regular studies without detriment, are encouraged to pursue studies additional to the required curriculum, under the direction of the Faculty, without competition for premiums. The successful prosecution of such studies—which will be tested by careful examinations—is distinguished by honorable reference in the annual catalogue of the University. The intention to study for Honorable Mention, and the course of study to be pursued, must be approved, in advance, by the Faculty; and no Honorable Mention will be given for studies which are not fairly equivalent, both in quantity and quality, to a daily recitation for one term in the department in which the student presents himself for honors.

Awards for the last Academic Year.

The following students are honorably distinguished for work done, beyond the requirements of the University, during the last academic year:

SENIOR CLASS.

The Stoddard Prize Medal, for excellence in Mathematics, was awarded to George D. Olds.

Committee of Award:

Prof. A. B. Evans,
Prof. Quinby.

The First Davis Medal, for the best oration on Commencement Day, including composition and delivery, was awarded to Eben W. Hunt, and the Second Davis Medal to George D. Olds.

Honorable Mention was made of Arthur Wellington Horton.

Committee of Award:

Prof. G. Anderson, D. D.,
Rev. N. M. Mann,
John N. Pomeroy, LL. D.

The Prize for the best essay on *The Literary and Political Significance of De Foe's Writings*, was awarded to George D. Olds.

Committee of Award:

Pres. A. H. Strong, D. D.

JUNIOR CLASS.

For an examination on the *Medea* of *Euripides* and the *Prometheus* of *Æschylus*, the First Premium was awarded to Albert Fearing Chadwick, the Second to Charles B. Parker.

Committee of Award:

N. W. Benedict, D. D.

Homer C. Bristol is entitled to Honorable Mention for an examination on *Whately's Rhetoric* and *Blair's Rhetoric.*

Albert Fearing Chadwick is entitled to Honorable Mention for an examination on *Jevons's Logic* and *Schuyler's Logic;* and on *Heat and Magnetism* as treated by *Ganot.*

Horace G. Pierce is entitled to Honorable Mention for an examination on *Whately's Rhetoric.*

SOPHOMORE CLASS.

For Excellence in Declamation, the First Prize was awarded to J. Weed Munro; the Second, to A. Frank Jenks; the Third, to Frank H. Rowley.

Honorable Mention was made of Luther Emmett Holt, J. Sloat Fassett and C. Richard Williams.

Committee of Award:

J. W. Stebbins, Esq.,
Rev. Asa Saxe, D. D.,
A. A. Hopkins, Esq.

For an examination on the *Republic* of *Cicero*, the First prize was awarded to C. Richard Williams, and the Second was equally divided between J. Sloat Fassett and Francis R. Welles.

Committee of Award:

E. H. Wilson, A. M.

Francis R. Welles is entitled to Honorable Mention for an examination on fifty chapters of the second book of *Herodotus*, and the *Prometheus Vinctus* of *Æschylus.*

FRESHMAN CLASS.

For an examination on *Davies' Bourdon's Algebra*, the First Prize was awarded to JOHN B. CALVERT.

Committee of Award:

Edward Webster, Esq.

JOSEPH T. ALLING is entitled to Honorable Mention for an examination on the *Memorabilia of Xenophon*, first, second and fourth chapters of the first book and second chapter of the third book.

FRANK J. BELLAMY is entitled to Honorable Mention for an examination on thirty-five of the select letters of *Cicero*.

BURTON MACAFEE is entitled to Honorable Mention for an examination on the second and third Olynthiac orations of *Demosthenes*.

FREDERICK P. WILCOX is entitled to Honorable Mention for an examination on the third book of *Quintus Curtius*, the *De Amicitia*, and the oration *Pro Marco Marcello* of *Cicero*, and *Suetonius's* Life of Otho.

VACATIONS.

1. Of ten days, including the Winter Holidays.
2. Of one week, from the end of the Second Term.
3. Of eleven weeks, immediately after Commencement.

The College Exercises are suspended on:

The Day of General Election for the State of New York.
Thanksgiving Day.
The Day of Prayer for Colleges.
Washington's Birth-Day.
Decoration Day.
The Anniversary of the Rochester Theological Seminary.

CALENDAR.

1873-74.

First Term ends	December 23.
Second Term begins	January 5.
Day of Prayer for Colleges	January 29.
Second Term ends	March 25.
Third Term begins	April 2.
Senior Examination	June 3–5.
Sermon before the Christian Association	June 28.
CLASS-DAY	June 29.
Examinations for Admission	June 29–30.
Sophomore Prize Declamations	June 29, (evening).
Oration and Poem before the Alumni	June 30, (evening).
COMMENCEMENT	July 1.
Examinations for Admission	September 16.
First Term begins	September 17.
First Term ends	December 23.

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